

GRAY-BONNEY



WRENCHES AND TOOLS

Catalogue No. 148

The Canadian Line
of Quality Tools

Gray-Bonney Tool Co.
Limited
TORONTO, CANADA

111-588

~~111-588~~

~~111-588~~

Contract No

Group 10

9207

15102



The Home of
"GRAY-BONNEY TOOLS"
Toronto, Canada

Gray-Bonney

Tools have a wide acceptance among the mechanics in every branch of industry. Every Gray-Bonney Tool is specially designed for a particular application—combines light weight with strength and enables the user to do each job well—quickly—easily.

Made by Canadian Tool Craftsmen with pride in their ability to produce fine hand tools, backed by 35 years of manufacturing experience and proved on the testing ground of time—these tools have earned the reputation "the Finest that money can buy."

GRAY-BONNEY TOOL CO. LTD.
TORONTO - CANADA



Warranty

It is our wish that every user shall be perfectly satisfied in every respect:—We, Gray-Bonney Tool Company Limited, manufacturers of Gray-Bonney Tools, hereby guarantee them to be entirely free from all defects in material and workmanship.

In the event of any such defect we agree to cheerfully repair or replace Free of Charge, through the wholesaler from whom they were purchased, the tools covered by this Warranty.

CAUTION—Service and Warranty Maintenance on Ratchets, Screw Drivers, Punches, Chisels and Ignition Pliers

Ratchets are built with a gear mechanism which may become inoperative due to an accumulation of grease or dirt. This complaint usually can be remedied by soaking the ratchet over night in light oil. If this does not restore action in models 603 and 98, dismantle ratchets and return worn or defective parts to factory for N.C. replacement. In the event of complaint on models T35, 1497, or V25, present ratchet to Gray-Bonney wholesaler or to the factory direct for N.C. overhaul.

Screw Drivers are subject to special Warranty Service. For procedure please refer to screw driver catalog pages.

Punches and Chisels—Every care is taken to eliminate the possibility of defect in their material and manufacture. Any punch or chisel with proven defect, when presented to wholesaler within 30 days of purchase will be replaced gratis. Those abused or re-ground are not subject to replacement. Any claim regarding improper tempering must be referred to factory for replacement authorization.

Ignition Pliers due to very delicate construction, if broken should be returned to the factory for repairs on which a net charge of forty-five cents will be made.

NOTE—The Gray-Bonney Warranty Policy does not apply to tools that bear definite evidence of abuse or on tools worn out due to long and continuous service.

GRAY-BONNEY TOOL COMPANY LTD.

TORONTO - CANADA

Gray-Bonney Socket Sets

1/4" Square Drive

These Gray-Bonney 1/4" drive midget sockets and attachments are the ultimate in precision design and manufacture. The new improved small head reversible ratchet, tiny handles and extra thin wall lock-on sockets are produced from the finest alloy steels and all are chrome plated. Created for motor tune-up specialists and those who service starting—lighting—ignition—instruments and radio. They will prove a welcome addition to any tool equipment. Each individual piece available separately from open stock.

No. VS30 Set
Approx. Weight—2³/₄ lbs.



No. VS14 Set
Approx. Weight—1¹/₄ lbs.



No. VS13 Set
(Not Illustrated)
This set identical to No. VS14 excepting that
Ratchet is omitted

Gray-Bonney Socket Sets

1/4" Square Drive

(Contents of Sets Illustrated on Opposite Page)

No. VS30 Set

30 Pieces

An unusually complete set of extra small sockets and attachments, plus an assortment of miniature box and open end wrenches, feeler gauge, ignition plier and pocket size screw driver that any mechanic will find useful for electrical, radio and other small work. Packed in attractively finished metal box measuring 8-7/16" x 3-7/16" x 1". Included in this set are one each of the following:

No.	Description	No.	Description
V6	3/16" Sgle. Hex. Socket	E16	Ignition Wrench
V7	7/32" " " "	E18	" " "
V8	1/4" " " "	E20	" " "
V9	9/32" " " "	E22	" " "
V10	5/16" Dble. " " "	E24	" " "
V11	11/32" " " "	E26	" " "
V12	3/8" " " "	E28	" " "
V14	7/16" " " "	E30	" " "
VS8	1/4" Dble. Sq. " "	E40	Extra Small Box Wrench
VS10	5/16" " " "	E42	" " " "
VS12	3/8" " " "	E44	" " " "
V25	Rev. Ratchet 4 3/8" "	E46	" " " "
V26	Flex Handle 5-3/4" "	001	Ignition Screw Driver
V27	Cross Bar 3-1/2" "	517	Ignition Plier
E14	Ignition Wrench	K52	Ignition Feeler Gauge
V22	Insulated handle available from open stock. Not supplied with sets.		

No. VS14 Set

14 Pieces

A dandy pocket size kit of sockets and attachments with reversible ratchet for turning small nuts. All pieces are made of the finest alloy steel, fully chrome plated. Packed complete in strong attractively finished metal box measuring 6-3/16" x 2" x 1/2". Contents listed in the table below.

No.	Description	No.	Description
V6	3/16" Sgle. Hex. Socket	V14	3/16" Dble. Hex. Socket
V7	7/32" " " "	VS8	1/4" Dble. Sq. " "
V8	1/4" " " "	VS10	5/16" " " "
V9	9/32" " " "	VS12	3/8" " " "
V10	5/16" Dble. " " "	V25	Rev. Ratchet 4-3/8" "
V11	11/32" " " "	V26	Flex. Handle 5-3/4" "
V12	3/8" " " "	V27	Cross Bar 3-1/2" "

No. VS13 Set

13 Pieces

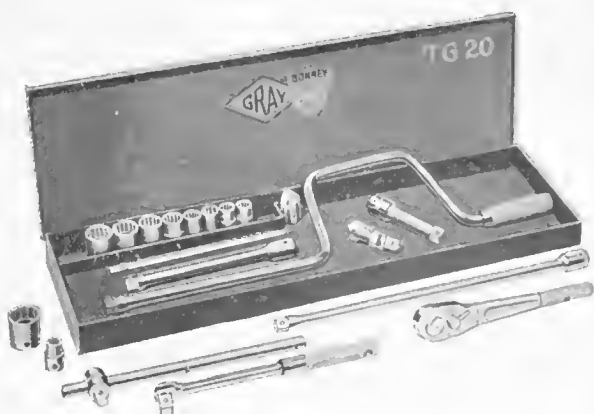
This pocket size set is for those that wish to start with the most essential units and build up to a larger kit. Packed in attractively finished metal box measuring 6-3/16" x 2" x 1/2". Other than being minus the ratchet, the contents of this set are identical to the VS14 listed above.

Gray-Bonney Socket Sets 3/8" Square Drive

TG20 Set

Contains 20 Pieces — 1/4" to 3/4"

Approx. Weight 8 lbs.



TG12 Set

Contains 12 Pieces — 1/4" to 3/4"

Approx. Weight 2 lbs.



LT9 Set

Contains 9 Pieces — 3/8" to 7/8"



Gray-Bonney Socket Sets

3/8" Square Drive

(Contents of Sets Illustrated on Opposite Page)

This TG20 set has the straight wall sockets with the popular double hexagon openings. It has been designed especially for those who want quality with a minimum investment. Contains 20 pieces each selected for the large number of uses to which it may be put. All pieces are made of high quality alloy steel, chrome plated. Packed complete in attractively finished metal container measuring 17-1/4" x 5" x 1".

The TG20 Set includes one each of the following

Size	No.	Description	Size	No.	Description
3/8"	T12	Double Hex. Socket	1 1/8"	T22	Double Hex. Socket
7/16"	T14	" " "	3/4"	T24	" " "
1/2"	T16	" " "	1/4"	TS8	Double Square "
9/16"	T18	" " "	5/16"	TS10	" " "
5/8"	T20	" " "	3/8"	TS12	" " "

and the following attachments

No.	Description	No.	Description
T3	Universal Joint	T27	Drag Link Socket
T31	3" Extension	T30	Flexible Handle
T4	6" " "	T32	Cross Bar
T5	11" " "	T35	Reversible Ratchet
T9	Speeder	T36	Sliding Tee Handle

This inexpensive TG12 chrome plated set, packed in a neat metal box, is an ideal beginning towards a complete 3/8" drive socket set. True quality with a minimum investment.

Contents of TG12

Size	No.	Description	Size	No.	Description
3/8"	T12	Double Hex. Socket	3/4"	T24	Double Hex. Socket
7/16"	T14	" " "	1/4"	TS8	" Sq. "
1/2"	T16	" " "	5/16"	TS10	" " "
9/16"	T18	" " "	3/8"	TS12	" " "
5/8"	T20	" " "	T30	Flexible Handle	
1 1/16"	T22	" " "	T32	Cross Bar	

The LT9 extra deep socket set contains nine double hexagon sockets, ranging from 3/8" to 7/8". Many mechanics will want to round out their present 3/8" drive set with the addition of these handy little deep sockets. These extra thin sockets have the lock-on feature and will get in the toughest spots with ease. They can be used on late model cars to remove spark plugs and will save you plenty in time and trouble on any job where the nuts are set down deeply over the bolts. Made of fine alloy steel, chrome plated. Packed in fibre box.

Gray-Bonney Socket Set Master Combination

MS102MSB Set

Contains 102 Pieces
Approx. Weight 100 lbs.



**This is the Master Set of Gray-Bonney Tools—
In design and quality the finest that money can buy.**

It contains the most complete assortment of Gray-Bonney tools ever assembled in one chest. 102 pieces—including one of almost every description to do practically every type of job encountered.

Complete sets of sockets with handles and attachments, box wrenches, open end wrenches, tappet wrenches, pliers, hammers, punches, chisels and screwdrivers—all are included.

The complete set is packed in a massive metal chest, attractively finished, which has a removeable tray and three convenient drawers, lock hasp and carrying handles. The chest measures 24-1/4" x 12-1/4" x 11-1/8". It is designed to last practically a life time.

NOTE—This **MS102MSB** master set also available with **MSC Roller Cabinet** illustrated on page 86. The same assortment of tools also provided in set **MS102SB**. (The **SB** container is illustrated on page 89.)

Gray-Bonney Socket Set

Master Combination

(Illustrated on Opposite Page)

COMPLETE LIST OF CONTENTS LISTED BELOW

Open.	No.	Description	No.	Description
1/4" Square Drive			Engineers Wrenches	
	VS13	Socket Set	1723	3/8" x 1/16"
3/8" Square Drive			1725B	1/2" x 1/16"
3/8"	T12	Dble. Hex. Socket	1027	1 1/2" x 1 1/16"
1/4"	T14	" "	1729	3/4" x 3/4"
1/2"	T16	" "	1731B	1 3/16" x 7/8"
9/16"	T18	" "	1033C	1 5/16" x 1"
3/8"	T20	" "	Tappet Wrenches	
11/16"	T22	" "	122	2 of 1/2" x 1/16"
3/4"	T24	" "	124	2 of 3/8" x 1 1/16"
	T31	3" Extension	Box Wrenches	
	T4	6" "	2384	3/8" x 1/16"
	T5	11" "	2386	1/2" x 1/16"
	T9	Speeder	2387	3/16" x 5/8"
	T35	Reversible Ratchet	2388	3/8" x 3/4"
	T36	Sliding T Handle	Chisels	
1/2" Square Drive			C2	Flat 1/2" x 5 1/2"
3/16"	1407	Dble. Hex. Socket	C3	" 3/8" x 6"
1/2"	1408	" "	C4	" 3/4" x 6 1/2"
9/16"	1409	" "	Punches	
1 1/16"	1419	" "	C22	Solid 1/4" Pt x 6" L
5/8"	1410	" "	C28	Pin 1/8" Pt x 5" L
2 1/16"	1421	" "	C30	" 1/4" Pt x 6 1/2" L
1 1/16"	1411	" "	Screw Drivers	
3/4"	1412	" "	04	4" Rd. Shank
2 3/16"	1425	" "	06	6" " "
1 3/16"	1413	" "	08	8" " "
3/8"	1414	" "	006	6" Electricians
1 3/16"	1415	" "	S01	1 3/4" Adjusting
2 1/16"	1431	" "	Pliers	
1"	1432	" "	B17	6" Diagonal
7/16"	D407S	Dble. Sq. Socket	258	Water Pump
1/2"	D408S	" "	513	7" Combination
9/16"	D409S	" "	517	Ignition Type
	405	Drag Link	522	Battery "
1 3/16"	LD26	Deep	Hammers	
7/8"	LD28	" "	212G	1 lb. Ball Pein.
1 3/16"	LD30	" "	212K	4 oz. "
1"	LD32	" "	PH15	1/2 lb. Soft Face
1 1/8"	LD36	" "	Container Options	
	653	15" Flexible Handle	See reference above.	
	699	Slide T Handle	Suffix letters denote	
	655	Cross Bar	container selected.	
	687	14 1/2" Speeder	I.E.	
	686	19" "	MS102 SB (Set in SB Box)	
	718S	2" Extension	MS102 MSB	
	718	5" "	(set in MSB Chest)	
	719A	10" "	MS102 MSBC (Set in Chest	
	709	Universal Joint	with MSC Roller Cabinet.)	
	1497	Reversible Ratchet		
3/4" Square Drive				
1 1/16"	HD34	Dble. Hex. Socket		
1 3/8"	HD36	" "		
1 1/4"	HD40	" "		
1 3/8"	HD44	" "		
1 7/16"	HD46	" "		
1 1/2"	HD48	" "		
1 5/8"	HD52	" "		
	86	Slide T Handle		
	88S	4" Extension		
	88	8" "		

Gray-Bonney Socket Set Master Heavy Duty

MS79 Set

Approx. Weight 60 lbs.



Here is the ideal tool kit for the mechanic, millwright or plant engineer who requires an all-purpose set of socket, box and open-end wrenches. Contains the 1/4" Square Drive, 3/8" Square Drive, 1/2" Square Drive, 3/4" Square Drive Sockets and attachments, also the Engineers' and Box Wrenches supplied with Master Set MS102MSB listed on pages 8 and 9. These tools are contained in a strong metal box, 21" long, 7-1/2" high and 8-1/8" wide. It is fitted with a removeable tray. See illustration of the SB Box on page 39.

**THE EASY WAY TO
REDUCE JOB COSTS . . .**

**EQUIP WITH
THE RIGHT TOOLS**

**THEY ARE THE MULTIPLIERS
OF OUR STRENGTH**

**THEY GIVE EVERYONE A
CHANCE . . .**

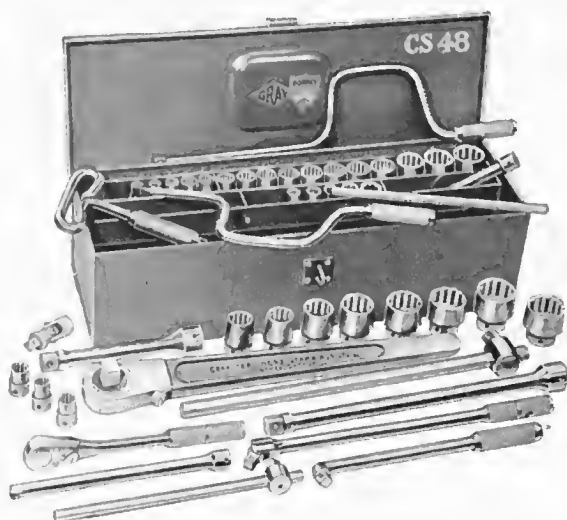
Gray-Bonney Socket Set

Combination 1/2" and 3/4" Sq. Drive

CS48 Set

Contains 48 Pieces—3/8" to 1-5/8"

Approx. Weight 50 lbs.



This CS48 Combination Set was especially created for the service man who does all types of general repairs on cars, trucks, busses and tractors. The tools supplied include the following highest quality sockets and attachments in 1/2" and 3/4" square drive. These are contained in a sturdy steel tool box measuring 21" L, 6" D, 7" W. It has a hasp for padlock and a comfortable carrying handle. This is an ideal set for all mechanics, millwrights, construction and plant engineers.

The CS48 set Includes one each of the following:

Size	No.	Description	Size	No.	Description
3/8"	1406	1/2" Dr. Dbl. Hx. Sckt.	1"	HD32	3/4" Dr. Dbl. Hx. Sckt.
7/16"	1407	"	1 1/16"	HD34	"
1/2"	1408	"	1 1/8"	HD36	"
9/16"	1409	"	1 1/4"	HD40	"
11/16"	1419	"	1 3/8"	HD44	"
1 1/32"	1410	"	1 7/8"	HD46	"
1 1/8"	1421	"	1 1/2"	HD48	"
1 1/16"	1411	"	1 5/8"	HD52	"
1 3/8"	1412	"			
1 1/2"	1425	"	No.	Description	
1 5/8"	1413	"	685	1 1/2" Dr. Tee Handle	
1 3/4"	1414	"	687	1 1/2" 14 1/2" Speeder	
1 5/8"	1415	"	686	1 1/2" 19" "	
1 1/2"	1431	"	655	1 1/2" Cross Bar	
1 1/8"	1432	"	709	1 1/2" Univ. Joint	
1 1/16"	1433	"	718S	1 1/2" 2" Extension	
1 1/8"	1434	"	718	1 1/2" 5" "	
1 1/16"	1435	"	719	1 1/2" 10" "	
1 1/4"	1436	"	653	1 1/2" 15" Flex. Handle	
	D406S	1/2" Dr. Dbl. Sq. Sckt.	699	1 1/2" 11" Sl. T. Handle	
	D407S	"	1497	1 1/2" 10" Rev. Ratchet	
	D408S	"	86	3/4" Dr. 17 1/2" Sl. T. Handle	
	D409S	"	88	3/4" 8" Extension	
	D410S	"	87	3/4" 15 1/2" "	
			89	3/4" Ratchet Connector	
			98	3/4" 19" Ratchet	

Gray-Bonney Socket Set

1/2" Square Drive

(Apprentice Combination)

SW44 Set

Contains 44 Pieces—7/16" to 1-1/4"

Approx. Weight 37 1/4 lbs.



Here is a set for the mechanic starting out, containing an assortment of 44 pieces including sockets, handles and attachments, pliers, screwdrivers and other miscellaneous tools for which the greatest everyday need will be found. It is inexpensive, yet every piece is of the highest quality. The contents were carefully selected to enable the handling of the greatest variety of repair jobs with the minimum number of tools. The large roomy box measures 21" x 7" x 6" and has ample room for the addition of more tools from time to time. It is equipped with a carrying handle, and a padlock hasp.

The SW44 Set Includes one each of the following

Size	No.	Description	Size	No.	Description
7/16"	1407	Double Hex. Socket	7/8"	1414	Double Hex. Socket
1/2"	1408	" " "	15/16"	1415	" " "
9/16"	1409	" " "	1"	1432	" " "
11/16"	1419	" " "	1 1/16"	1433	" " "
3/4"	1410	" " "	1 1/8"	1434	" " "
13/16"	1421	" " "	1 1/4"	1436	" " "
7/8"	1411	" " "	1 3/16"	LD26	Deep " " "
15/16"	1412	" " "	7/8"	LD28	" " "
1"	1425	" " "	15/16"	LD30	" " "
1 1/16"	1413	" " "	1"	LD32	" " "

In addition to the sockets shown above, this SW44 set includes one each of the attachments and tools listed hereunder.

No.	Description	No.	Description
003	3" Screwdriver	686	19" Speeder
04	4" " "	709	Universal Joint
08	8" " "	718	5" Extension
C3	Chisel	719	10" " "
C5	Chisel	1497	10" Reversible Ratchet
B17	Diagonal Plier	3114	7/16" Tu-Type Wrench
C23	Punch	3116	1/2" " "
212G	Ball Pein Hammer	3118	3/16" " "
513	Combination Plier	3120	5/8" " "
522	Battery Plier	3122	11/16" " "
653	15" Flexible Handle	3124	3/4" " "
655	Cross Bar	3128	7/8" " "

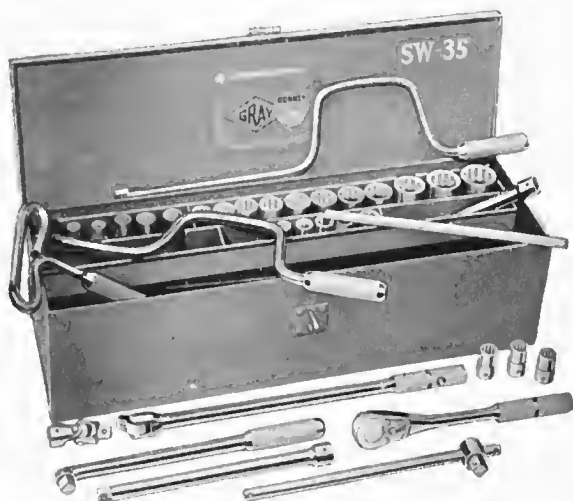
Gray-Bonney Socket Set

1/2" Square Drive

SW35 Set

Contains 35 Pieces—3/8" to 1-1/4"

Approx. Weight—31 lbs.



This 35 piece socket set is an ideal selection for the mechanic that does general repair work. It is a tool kit any man will be glad to own. It includes all the popular regular design double hexagon and double square straight wall sockets, with a worthwhile assortment of the popular attachments. All pieces are made of the finest alloy steel, heavily chrome plated and will retain their original finish indefinitely. The complete set is packed in a sturdy metal case with carrying handle and padlock hasp. Case measures 21" x 7" x 6".

The SW35 Set includes one each of the following

Size	No.	Description	Size	No.	Description
3/8"	1406	Double Hex. Socket	1 1/8"	1415	Double Hex. Socket
7/16"	1407	" " "	1 1/4"	1431	" " "
1/2"	1408	" " "	1 1/2"	1432	" " "
9/16"	1409	" " "	1 3/8"	1433	" " "
5/8"	1419	" " "	1 1/2"	1434	" " "
1 1/8"	1410	" " "	1 3/4"	1435	" " "
1 1/4"	1421	" " "	1 3/8"	1436	" " "
1 1/2"	1411	" " "	1 1/2"	D406S	" Square "
1 3/8"	1412	" " "	1 3/4"	D407S	" " "
1 1/2"	1425	" " "	1 3/8"	D408S	" " "
1 3/4"	1413	" " "	1 1/2"	D409S	" " "
1 3/8"	1414	" " "	1 3/4"	D410S	" " "

In addition to the sockets shown above, this SW35 set includes one each of the attachments listed hereunder.

No.	Description	No.	Description	No.	Description
685	Tee Handle	709	Universal Joint	653	15" Flex. Handle
687	14 1/2" Speeder	718S	2" Extension	699	11" Sl. T. Handle
686	19" "	718	5" "	1497	10" Rev. Ratchet
655	Cross Bar	719	10" "		

Gray-Bonney Socket Set

1/2" Square Drive

SW23 Set

Contains 23 Pieces—7/16" to 1-1/4"

Approx. Weight 15-3/4 lbs.



This set has straight wall sockets with the popular double hexagon openings. It contains sockets with openings that find the most general use plus an excellent assortment of handles and attachments. Each piece is made from carefully selected alloy steel, scientifically heat treated and heavily chrome plated. The substantial metal box has a carrying handle and measures 20-1/4" x 6-1/2" x 1-1/16".

Contents of SW23

Size	No.	Sockets	Size	No.
7/16"	1407	one each	25/32"	1425
1/2"	1408	"	13/16"	1413
9/16"	1409	"	7/8"	1414
19/32"	1419	"	15/16"	1415
5/8"	1410	"	1"	1432
21/32"	1421	"	1 1/16"	1433
11/16"	1411	"	1 1/8"	1434
3/4"	1412	"	1 1/4"	1436

In addition to the above Sockets. The Set includes one each of the following handles and attachments.

No.	Description
653	15" Flexible Handle
655	Cross Bar
686	19" Speeder
709	Universal Joint
718	5" Extension
719	10" Extension
1497	10" Reversible Ratchet

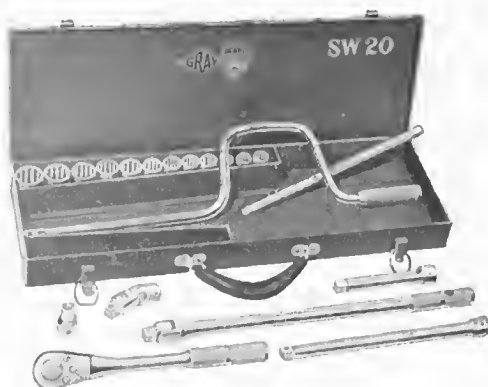
Gray-Bonney Socket Set

1/2" Square Drive

SW20 Set

Contains 20 Pieces—7/16" to 1"

Approx. Weight 14 lbs.



This set has thirteen straight wall double hexagon sockets and an assortment of the most desirable attachments. Packed in attractive metal case measuring 24-1/4" x 6-1/2" x 1-1/16". All pieces are of high quality alloy steel heavily chrome plated. It makes an ideal set for use either in the shop or on the job.

Contents of SW20

Size	No.	Sockets	Size	No.
7/16"	1407	one each	3/4"	1412
1/2"	1408	"	13/16"	1413
9/16"	1409	"	25/32"	1425
19/32"	1419	"	7/8"	1414
5/8"	1410	"	15/16"	1415
21/32"	1421	"	1"	1432
11/16"	1411	"		

In addition to the above Sockets. This Set includes one each of the following attachments.

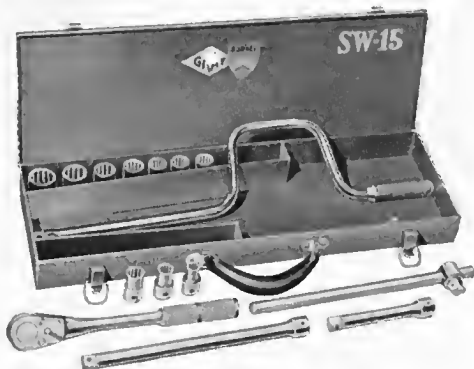
No.	Description
653	15" Flexible Handle
655	Cross Bar
686	19" Speeder
709	Universal Joint
718	5" Extension
719	10" Extension
1497	10" Reversible Ratchet

Gray-Bonney Socket Sets 1/2" Square Drive

SW15 Set

Contains 15 Pieces—7/16" to 7/8"

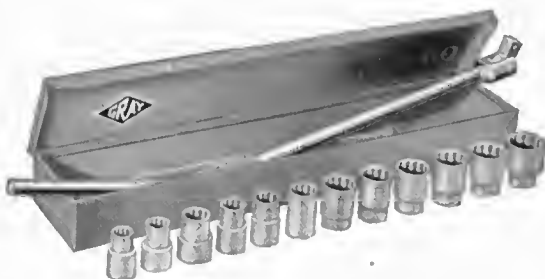
Approx. Weight 12-1/2 lbs.



SW14 Nut Spinner Set

Contains 14 Pieces—7/16" to 1"

Approx. Weight 5-3/4 lbs.



SW12T and SW15T Set



No. SW15T Set contains fifteen straight wall sockets: 7/16", 1/2", 9/16", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" and 1-1/4".

No. SW12T Set contains twelve straight wall sockets: 7/16", 1/2", 9/16", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16" and 1".

Gray-Bonney Socket Sets

1/2" Square Drive

(Contents of Sets Illustrated on Opposite Page)

This is an inexpensive set for the beginner or the man who wishes to do his own repairs. The set contains the same high quality straight wall sockets, handles and ratchet as the larger sets. It is packed in an attractive metal box which has ample room for additional tools.

The SW15 Set includes one each of the following:

Open.	No.	Description	Open.	No.	Description
7/16"	1407	D.H. Socket	2 1/32"	1421	D.H. Socket
1/2"	1408	" "	1 1/16"	1411	" "
9/16"	1409	" "	3/4"	1412	" "
19/32"	1419	" "	13/16"	1413	" "
5/8"	1410	" "	7/8"	1414	" "

Plus one each of the following Handles and attachments

No.	Description	No.	Description
686	19" Speeder	718	5" Extension
699	11" Slide T Handle	719	10" "
1497	Ratchet		

This SW14 Nut Spinner Set contains twelve thin straight wall sockets, and a 15" flexible handle and cross bar. It is an ideal set for the service station or service man doing light repairs. All pieces are made of the finest quality alloy steel and are finished in chromium. This set comes in a metal box.

The following Sockets and Handles are included.

Open.	No.	Description	Open.	No.	Description
7/16"	1407	D.H. Socket	1 1/16"	1411	D.H. Socket
1/2"	1408	" "	3/4"	1412	" "
9/16"	1409	" "	13/16"	1413	" "
19/32"	1419	" "	7/8"	1414	" "
5/8"	1410	" "	15/16"	1415	" "
2 1/32"	1421	" "	1"	1432	" "

Plus No. 653 15" Flexible Handle and No. 655 Cross Bar.

The SW12T and SW15T Sets:

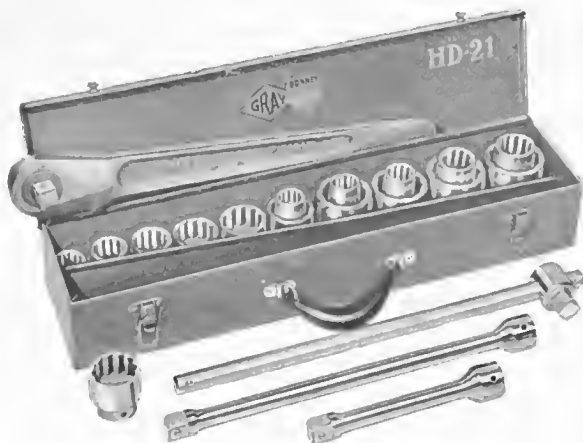
Many mechanics find straight wall double hexagon sockets more convenient for their work, and for that reason desire to add them to their present tool equipment. The sets listed on the opposite page will prove very convenient. They are supplied in metal trays designed to clip on the side of a tool box.

Gray-Bonney Socket Sets **3/4" Square Drive Heavy Duty**

HD21 Set

Contains 21 Pieces—7/8" to 2"

Approx. Weight 33-1/2 lbs.



HD13 Set

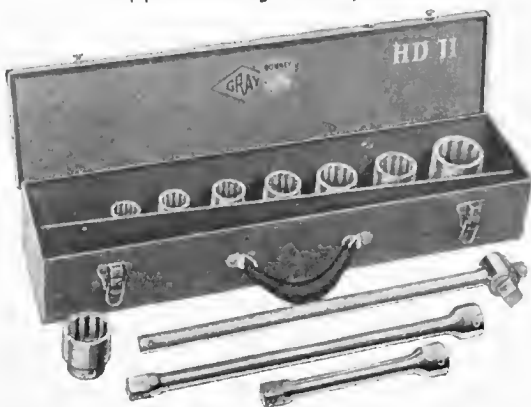
Contains 13 Pieces—1" to 1-5/8"

Approx. Weight 24 lbs.

HD11 Set

Contains 11 Pieces—1" to 1-5/8"

Approx. Weight 18-3/4 lbs.



Gray-Bonney Socket Sets

3/4" Square Drive

(Contents of Sets Illustrated on Opposite Page)

The HD21 heavy duty set contains a complete range of the heavy duty alloy steel sockets, including sizes from 7/8" to 2". It was designed to handle the heavy work on busses, trucks, tractors and all types of heavy industrial machinery. It is packed in a strong metal box and contains one each of the following:

Open.	No.	Description	Open.	No.	Description
7/8"	HD28	H.D. Socket	1 3/8"	HD44	H.D. Socket
15/16"	HD30	" "	1 7/16"	HD46	" "
1"	HD32	" "	1 1/2"	HD48	" "
1 1/16"	HD34	" "	1 5/8"	HD52	" "
1 1/8"	HD36	" "	1 3/4"	HD56	" "
1 3/16"	HD38	" "	1 13/16"	HD58	" "
1 1/4"	HD40	" "	1 7/8"	HD60	" "
1 5/16"	HD42	" "	2"	HD64	" "

and following attachments:

No.	Description	No.	Description
86	17 1/2" Slide T Handle	87	15 1/2" Extension
88	8" Extension	98	19" Ratchet
		89	Ratchet Connector

The HD13 set is the same as No. HD11 with the addition of a No. 98 ratchet and No. 89 connector. This set can also be built up to the popular HD21 set.

The following sockets and attachments are included:

Open.	No.	Des.	Open.	No.	Des.	No.	Description
1"	HD32	D.H. Skt.	1 3/8"	HD44	D.H. Skt.	86	17 1/2" S. T Hdle.
1 1/16"	HD34	"	1 7/16"	HD46	"	88	8" Extension
1 1/8"	HD36	"	1 1/2"	HD48	"	87	15 1/2" "
1 1/4"	HD40	"	1 5/8"	HD52	"	89	Ratchet Con.
						98	19" Ratchet

The HD11 set is especially valuable for the user who requires heavy duty tools at a minimum investment. It can be built up into the big HD21 set as the same box is used for both sets. It contains one each of the following:

Open.	No.	Description	Open.	No.	Description
1"	HD32	D.H. Socket	1 3/8"	HD44	D.H. Socket
1 1/16"	HD34	" "	1 7/16"	HD46	" "
1 1/8"	HD36	" "	1 1/2"	HD48	" "
1 1/4"	HD40	" "	1 5/8"	HD52	" "

and following attachments:

No.	Description	No.	Description
86	17 1/2" Slide T Handle	87	15 1/2" Extension
88	8" Extension		

Gray-Bonney Socket Set

1" Square Drive

Extra Heavy Duty

These rugged and well-designed extra heavy duty sockets and attachments are ideal for maximum hard service.

They are strongly recommended for the toughest kind of work found in the railroad, construction, marine and industrial fields.

"XH" Extra Heavy Duty Socket Set

Approx. Weight 50 lbs.



No.	Size Openings
X46	1-7/16" Single Hexagon
X48	1-1/2" "
X52	1-5/8" "
X58	1-13/16" "
X60	1-7/8" "
X64	2" "
X70	2-3/16" "
X72	2-1/4" "
X76	2-3/8" "
X80	2-1/2" "
X84	2-5/8" "
X88	2-3/4" "
X94	2-15/16" "
X100	3-1/8" "

Extra Heavy-Duty Handles and Attachments

No.	Description
X29	Extension 9" Long
X30	Extension 18" Long
X31	Sliding Bar 22" Long
X32	Drive Head, Male
X33	Drive Head, Female

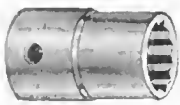
The exceptionally large nuts and bolts on trucks, busses, tractors require heavy duty wrenches. Here is the set for those jobs. Also used in industrial work. Contains seven Hexagon Sockets Nos. X46, X48, X52, X58, X64, X70, X76, with openings of 1-7/16", 1-1/2", 1-5/8", 1-13/16", 2", 2-3/16" and 2-3/8". Also includes Attachments Nos. X29, X30, X31, X32 and X33.

This set is supplied in the No. 80B box shown on page 89.

Gray-Bonney Sockets

3/8" Square Drive

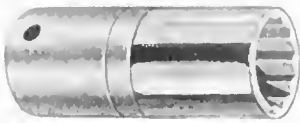
3/8" Drive Double Hexagon Sockets

Opening	Socket Number	
5/16"	T10	
3/8"	T12	
7/16"	T14	
1/2"	T16	
9/16"	T18	
5/8"	T20	
11/16"	T22	
3/4"	T24	

3/8" Drive Double Square Sockets

Opening	Socket Number	
1/4"	TS8	Same Style as the Double Hexagon excepting have eight points.
5/16"	TS10	
3/8"	TS12	


3/8" Drive Double Hexagon Extra Deep Sockets

Opening	Socket Number	Length	
3/8"	LT12	1 3/4"	 12 Point Design
7/16"	LT14	2"	
1/2"	LT16	2"	
9/16"	LT18	2"	
5/8"	LT20	2 1/4"	
11/16"	LT22	2 3/8"	
3/4"	LT24	2 3/8"	
13/16"	LT26	2 3/8"	
7/8"	LT28	2 1/2"	

3/8" Drive Double Square Extra Deep Sockets

Opening	Socket Number	Length	
7/16"	TS14	1 1/2"	Same style as the Double Hexagon extra deep excepting have eight points.
1/2"	TS16	1 1/2"	
9/16"	TS18	1 1/2"	
5/8"	TS20	1 1/2"	

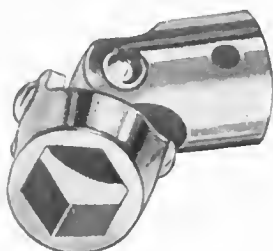
3/8" Drive Double Hexagon Universal Joint Sockets

Opening	Socket Number	
7/16"	TU14	
1/2"	TU16	
9/16"	TU18	
5/8"	TU20	

Gray-Bonney Universal Joint Sockets and Adaptors 1/2" Square Drive

Gray-Bonney Standard Series 1/2" Square Drive Sockets are thinner and tougher than ordinary sockets of the same design because each is individually hot forged from the finest electric furnace alloy steel. This ensures accuracy and greater strength. Gray-Bonney sockets are correct in design and size, carefully heat treated for longer wear. They are equipped with the lock-on feature and each is highly polished and heavily nickel plated.

Universal Joint Sockets



The most efficient type of socket for clearing obstructions or working in confined spaces. Forged from alloy steel and nickel plated.

No.	Description	No.	Description
29UJ	$\frac{7}{16}$ " Single Hex.	41UJ	$\frac{5}{8}$ " Single Hex.
33UJ	$\frac{1}{2}$ " " "	45UJ	$\frac{11}{16}$ " " "
37UJ	$\frac{9}{16}$ " " "	49UJ	$\frac{3}{4}$ " " "



ADAPTORS

No.	Openings	
	Male	Male
4202	$\frac{1}{2}$ " Sq. & $\frac{3}{4}$ " Sq.	

No.	Openings	
	Female	Male
4206	$\frac{1}{2}$ " Sq.	& $\frac{3}{8}$ " Sq.
4211	$\frac{3}{4}$ " Sq.	& 1" Sq.
4213	1" Sq.	& $\frac{3}{4}$ " Sq.
4215	$\frac{3}{8}$ " Sq.	& $\frac{1}{2}$ " Sq.
4298	$\frac{1}{2}$ " Sq.	& $\frac{3}{4}$ " Sq.
4299	$\frac{3}{4}$ " Sq.	& $\frac{1}{2}$ " Sq.



Gray-Bonney Sockets

1/2" Square Drive



Single
Hexagon



Double
Hexagon



Drag Link
Type



Spec. for Ford
Connecting Rods



Double
Square

Opening	Double Hexagon	Single Hexagon	Double Square
3/8"	1406	...	D406S
7/16"	1407	407	D407S
1/2"	1408	408	D408S
9/16"	1409	409	D409S
19/32"	1419	...	...
5/8"	1410	410	D410S
21/32"	1421	...	...
11/16"	1411	411	D411S
3/4"	1412	412	4124
25/32"	1425	...	...
13/16"	1413	413	...
7/8"	1414	414	4128
15/16"	1415	415	...
31/32"	1431	...	...
1"	1432	...	4132
1 1/16"	1433	...	...
1 1/8"	1434	...	...
1 3/16"	1435	...	...
1 1/4"	1436	...	...

Drag Link Type

Width of Blade	Socket Number	Drive	Application
15/16"	405	1/2"	Pass. Cars
1 1/4"	4002	1/2"	Trucks

V-8 FORD CONNECTING ROD TYPE

No. 499 special socket for adjusting Ford V-8 connecting rod bearing cap nuts. It has a 9/16" single hexagon opening and a 1/2" square drive. The nose is very thin to make this adjustment easy. Made from 3-1/2% nickel steel.

Gray-Bonney Sockets

1/2" Square Drive

Extra Deep Series

Gray-Bonney extra-deep sockets find many applications in automotive service work, but are especially suitable for removing and replacing spark plugs. Their overall length, 3-1/4 inches, and the exceptional depth of their openings, give them an advantage over ordinary sockets of similar type. They are made of selected alloy steel, are carefully heat-treated, heavily chrome plated and polished to a high and permanent lustre.



Deep Socket

Opening	Socket Number	Length
1/2"	LD16	3 1/4"
9/16"	LD18	3 1/4"
5/8"	LD20	3 1/4"
11/16"	LD22	3 1/4"
3/4"	LD24	3 1/4"
13/16"	LD26	3 1/4"
7/8"	LD28	3 1/4"
15/16"	LD30	3 1/4"
1"	LD32	3 1/4"
1 1/8"	LD36	3 1/4"

"LD5 Set of Spark Plug Sockets for General Service"

This popular set contains

(1) each LD26, LD28, LD30, LD32, LD36
in Metal Box

Gray-Bonney Sockets

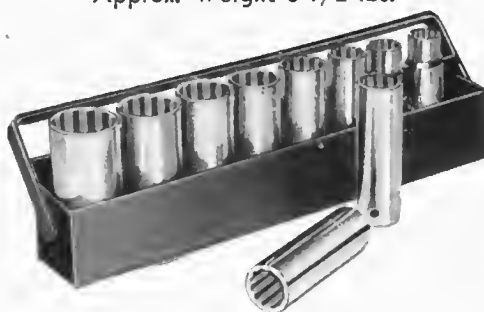
1/2" Square Drive

Extra Deep Series

The Gray-Bonney LD10 covers the entire range of 1/2" drive extra deep double hexagon sockets. It enables the user to remove and replace the spark plugs in most engines, and saves time when working on shackle and other deep set nuts and bolts. All are made of highest quality alloy steel, chrome plated and polished. This set should be a piece of standard equipment with every mechanic. This set supplied in a strong metal tray.

LD10 Spark Plug Socket Set

Approx. Weight 5-1/2 lbs.



Sockets for 10MM Plugs

Make of Plug	Socket
AC 108, 104-, 104	LD20
AC 103	LD18
AC M8, 103-S, 106	LD22
Champion Y8, Y6, Y4A	LD20
" Y4, Y5	LD20
Auto-Lite P6, P4	LD20

Chart of Spark Plug Sockets for Popular Passenger Cars

Make	1938	1939	1940	1941	1942	1946-47
Buick	LD26	LD26	LD26	*LD26	LD26	LD26
Cadillac	LD26	see 10mm	see 10mm	see 10mm	see 10mm	see 10mm
Chevrolet	LD26	LD26	LD26	LD26	LD26	see 10mm
Chrysler	LD26	LD26	LD26	LD26	LD26	LD26
DeSoto	LD26	LD26	LD26	LD26	LD26	LD26
Dodge	LD26	LD26	LD26	LD26	LD26	LD26
Ford	LD26	LD26	LD26	LD26	LD26	LD26
Graham	LD26	LD26	LD26	LD26	LD26	LD26
Hudson	LD26	LD26	LD26	LD26	LD26	LD26
LaFayette	LD28	LD28	LD28	LD28		
Linc.Zeph.	LD26	LD26	LD26	LD26	LD26	LD26
Mercury	LD26	LD26	LD26	LD26	LD26	LD26
Monarch	LD26	LD26	LD26	LD26	LD26	LD26
Nash	LD26	LD26	LD26	LD26	LD26	LD26
Olds.	LD26	LD26	LD26	LD26	LD26	LD26
Packard	see 10mm	see 10mm	see 10mm	see 10mm	see 10mm	see 10mm
Plymouth	LD26	LD26	LD26	LD26	LD26	LD26
Pontiac	LD26	LD26	LD26	LD26	LD26	LD26
Stu.Cham.	LD28	LD28	LD28	LD26	LD26	LD26
Stud.Com.	LD28	LD28	LD28	LD28	LD26	LD26
Willys	LD28	LD28	LD26	LD26	LD26	LD26

*AC106 10mm Partial Equipment

Gray-Bonney Sockets

3/4" Square Drive

Heavy Duty Series

Double Hexagon

Double Square



Heavy Duty Socket
Double Hex.

"Double Hexagon"

Opening	Number	Description
7/8"	HD28	D. H. Socket
15/16"	HD30	" "
1 1/32"	HD31	" "
1"	HD32	" "
1 1/16"	HD34	" "
1 1/8"	HD36	" "
1 3/16"	HD38	" "
1 1/4"	HD40	" "
1 5/16"	HD42	" "
1 3/8"	HD44	" "
1 7/16"	HD46	" "
1 1/2"	HD48	" "
1 9/16"	HD50	" "
1 5/8"	HD52	" "
1 11/16"	HD54	" "
1 3/4"	HD56	" "
1 13/16"	HD58	" "
1 7/8"	HD60	" "
2"	HD64	" "
2 3/16"	HD70	" "

"Double Square"

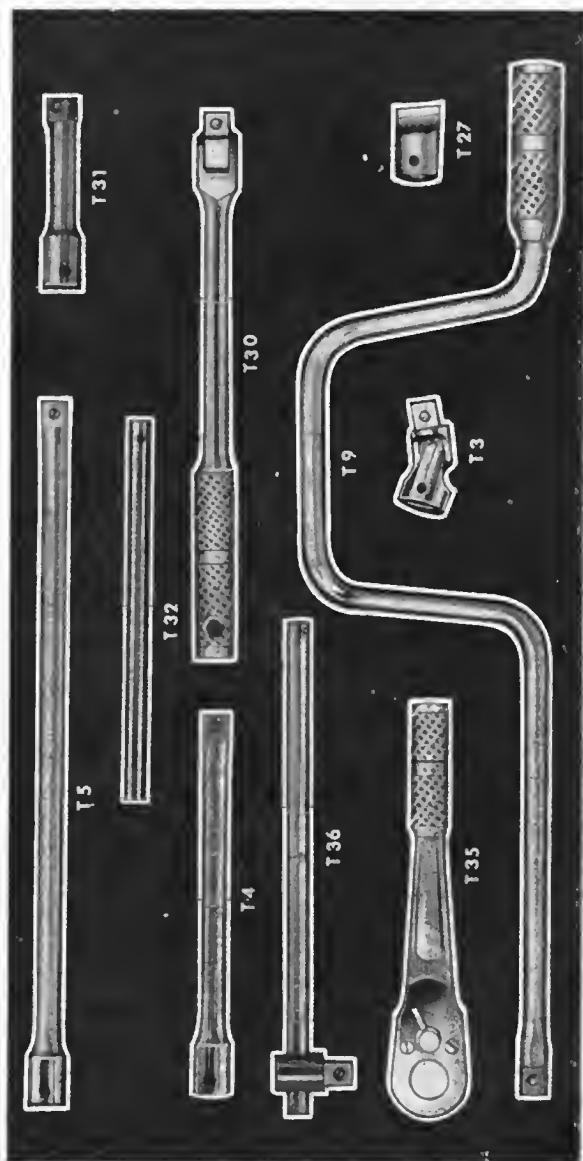
Opening	Number	Description
7/8"	S4228	D. Sq. Socket
.....
.....
1"	S4232	" "
1 1/16"	S4234	" "
.....
.....
1 1/4"	S4240	" "
.....
.....
1 7/16"	S4246	" "
.....
.....
.....
.....
.....
.....
.....
.....

Gray-Bonney Socket Attachments

3/8" Square Drive

Light Series

The 3/8" drive sockets and attachments have become a must for all good mechanics' tool kits. The new chrome plated, thin wall alloy steel sockets, extra slim handles and attachments, plus lock-on feature, are designed to allow the modern mechanic to get at the tightest spots on modern motors, aircraft and refrigeration units with ease.

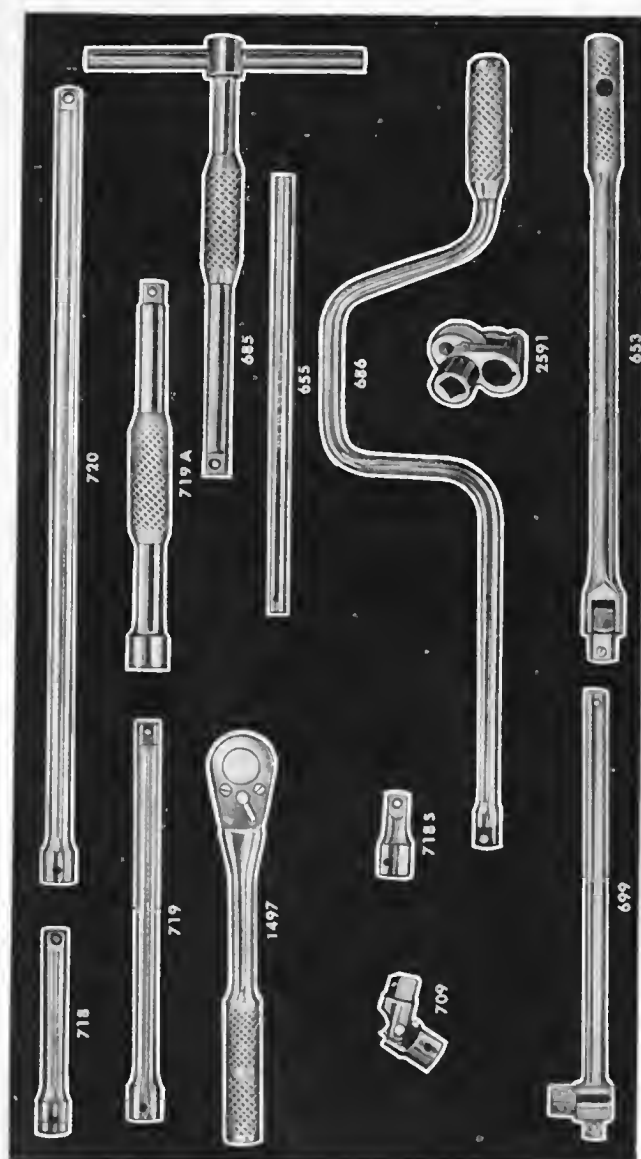


No.	Description	No.	Description
T31	3" Forged Extension	T30	9 3/4" Flex. Handle
T4	6" " "	T32	Cross Bar
T5	11" " "	T35	6 1/2" Rev. Ratchet
T9	16 1/4" Speeder	T36	7 3/4" Slide "T" Hdle.
T27	Drag Link Sockets	T3	Universal Joint

Gray-Bonney Socket Attachments

1/2" Square Drive

Standard Series

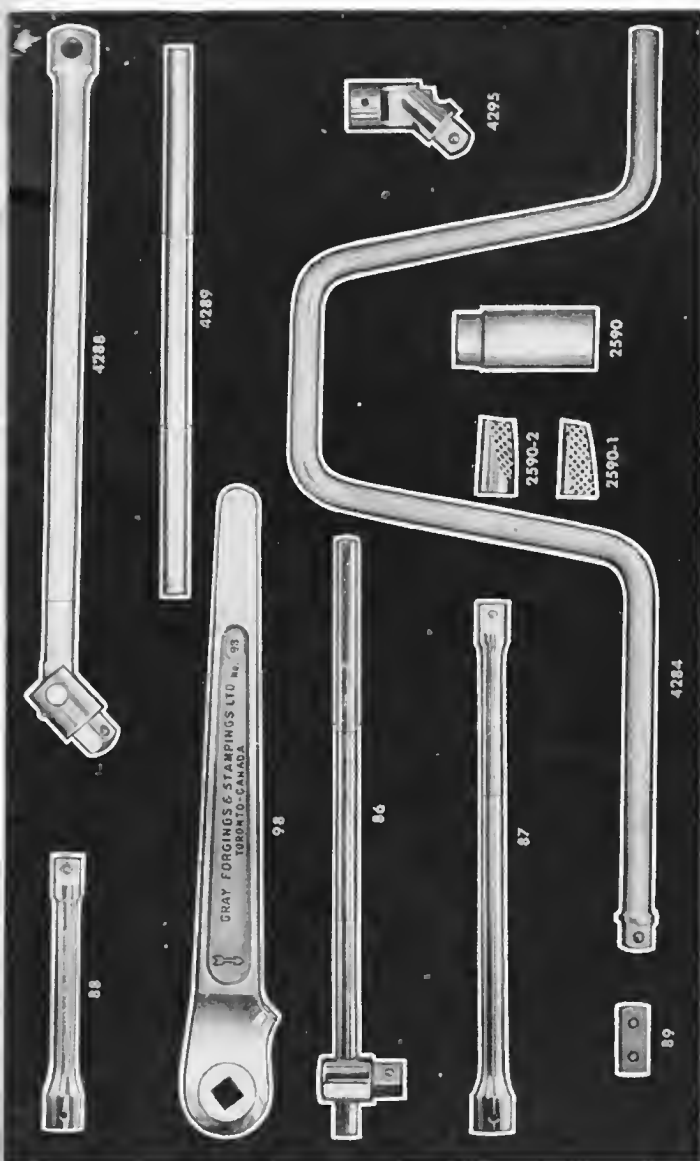


No.	Description	No.	Description
403	Connector for 603	699	11" Slide T. Handle
603	Ratchet & Connector	709	Universal Joint
652	12" Flex. Handle	718S	2" Forged Extension
653	15" " "	718	5" " "
653L	18" " "	719A	10" " " Rev. Grip
655	Cross Bar	719	10" " "
685	12" T. Hdl. Rv. Grp.	720	20" " "
686	19" Speeder Rv. Grip.	1497	10" Reversible Ratch.
687	14 1/2" " "	2591	Stud Remvr. (5/16" - 9/16")

Gray-Bonney Socket Attachments

3/4" Square Drive

Heavy-Duty



No.	Description	No.	Description
86	17½" Slide T. Hdle.	2590-1	Lt. Wedge for 2590
88S	4" Forged Extension	2590-2	Heavy " "
88	8" " "	4284	Speeder
87	15½" " "	4285	20" Reversible Rat.
89	Ratchet Connector	4288	22" Flex. Handle
98	19" Ratchet Bar Type	4289	Cross Bar
2590	Stud Remover with Wedges. (9/16" to 1")	4295	Univ. Joint

Gray-Bonney Box Wrenches and Sets

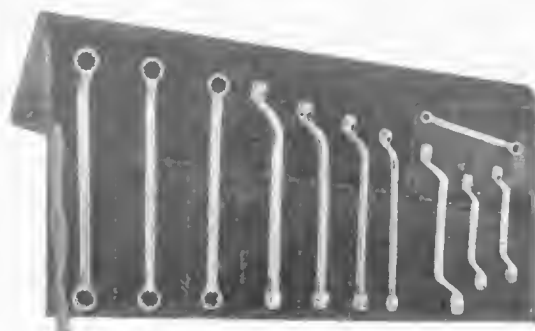
Chrome Vanadium Steel

Box Wrenches

Box Wrenches having one end straight and one end offset have long been favoured by the mechanic "who likes the right tool for the job." For work on manifolds and for the hard-to-get-at nuts at the rear of motor blocks they are invaluable. Gray-Bonney Box Wrenches are available in convenient sets.

No. 2311 Box Wrench Set

3/8" to 7/8"



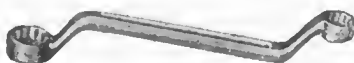
No. 2311LR contains one each of the wrenches listed below. In leatherette roll.

No. 2307LR contains one each of the long type wrenches only listed below. In leatherette roll.

Long Type Box Wrenches

No.	Double Hexagon Openings	Length
2316	1/2"	9"
2318	9/16"	9-1/2"
2320	5/8"	10"
2322	11/16"	11"
2324	3/4"	11-1/2"
2326	13/16"	12"
2328	7/8"	12-3/4"

Short Type Box Wrenches



No.	Double Hexagon Openings	Length
2384	3/8" & 7/16"	5-1/8"
2386	1/2" & 9/16"	5-1/2"
2387	9/16" & 5/8"	5-3/4"
2388	5/8" & 3/4"	8-1/2"

Gray-Bonney Box Wrenches and Sets

Chrome Vanadium Steel

Tu-Type Wrenches

This type of wrench is very popular where speed is required and should be in all tool kits. The box end, with just the right angle to clear obstructions, is very handy to loosen tight nuts and get in around manifolds and carburetors. The open end is used for faster turning. Forged from Chrome-Vanadium Steel. Highly polished and chrome plated.

No. TU 7 Tu-Type Set

7/16" to 7/8"



The No. TU7 set contains one each of the following:

No.	Openings	Length	No.	Openings	Length
3114	7/16"	5-3/8" long	3122	11/16"	8-3/8" long
3116	1/2"	6" "	3124	3/4"	9-1/2" "
3118	9/16"	6-3/4" "	3128	7/8"	10-1/2" "
3120	5/8"	7-3/4" "			

Short Type Box Wrenches



This series of short box wrenches will appeal very strongly to the mechanic who enjoys using fine tools. They are drop forged from high grade alloy, and are brightly polished all over. The heads are thin and cleanly broached and will give the utmost in service under all conditions.

No.	Double Hexagon Openings	Length
276	3/8" x 7/16"	4-1/2"
277	1/2" x 9/16"	5-1/4"
278	5/8" x 11/16"	6"

Gray-Bonney Box Wrenches and Sets

Chrome Vanadium Steel

15 Deg. Angle Box Wrenches

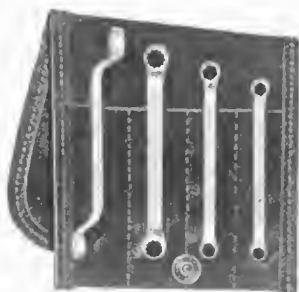
The No. 2890 Series Box Wrenches are for work with low overhead clearance. Heads are at angles of from 10 degrees to 15 degrees, depending on the length of the wrench. All have double hexagon openings and are nickel-plated with polished heads. Chrome Vanadium Steel.



No. 15 Box Wrench Set
3/8" to 1"

No. 15 Box Wrench Set contains one each of the following wrenches: Nos. 2890, 2891, 2892, 2893A, 2894A and 2895A. In leatherette roll as illustrated.

No.	Double Hexagon Openings	Length
2890	3/8" & 7/16"	7-5/8"
2891	1/2" & 9/16"	8-5/8"
2892	5/8" & 11/16"	9-5/8"
2892A	5/8" & 3/4"	9-5/8"
2893A	3/4" & 25/32"	11"
2893	3/4" & 13/16"	11"
2894A	13/16" & 7/8"	13-1/4"
2894	7/8" & 15/16"	13-1/4"
2895A	15/16" & 1"	15-1/2"
2895	1" & 1-1/16"	15-1/2"
2896	1-1/8" & 1-3/8"	17"
2897	1-1/4" & 1-7/16"	17"



No. 21
Extra Small
Box Wrench Set

Ideal for work on radios, ignition systems, generators, starters, heaters, etc.

E40 and E42 have single hexagon openings; E44 and E46 have double hexagon openings.

No.	Openings	Length
E40	3/16" & 13/64"	2-7/8"
E42	7/32" & 15/64"	3-1/8"
E44	1/4" & 9/32"	3-3/8"
E46	5/16" & 11/32"	3-3/4"

Gray-Bonney Box Wrenches and Sets

Chrome Vanadium Steel

Double Offset Box Wrenches

45° Angle

The long, smooth, round handles will give plenty of leverage to loosen the toughest nuts. These wrenches have a deep offset to clear obstructions and give plenty of finger room.

No. DO 6 Double Offset Set

3/8" to 1"



The No. DO6 set contains one each of Nos. 2804L, 2805L, 2807A, 2808A, 2809C and 2810 listed below.

No.	Double Hexagon Openings	Length
2804L	3/8" x 7/16"	8-1/2"
2804C	7/16" x 1/2"	8-1/2"
2805L	1/2" x 9/16"	9"
2807A	5/8" x 11/16"	11"
2808A	3/4" x 25/32"	11-1/2"
2809C	13/16" x 7/8"	12-1/2"
2810	15/16" x 1"	13-1/2"

INDUSTRIAL SIZES

2811E	7/8" x 1-1/16"	12-1/4"
2811B	15/16" x 1-1/16"	12-1/4"
2811	1" x 1-1/8"	12-1/4"
2812B	1-1/16" x 1-1/4"	14"
2812C	1-1/8" x 1-1/4"	14"
2812	1-1/4" x 1-3/8"	15-3/8"
2812A	1-1/4" x 1-7/16"	15-3/8"
2813	1-7/16" x 1-5/8"	15-3/8"
2815	1-13/16" x 2"	22"
2815B	1-7/8" x 2"	22"
2815A	2" x 2-3/8"	26"
2819	2-3/16" x 2-3/8"	26"
2821	2-9/16" x 2-3/4"	28"

Gray-Bonney Chrome Vanadium Engineers' Wrenches

Drop Forged 15° Angle
Opening—Chrome Plated
With Polished Heads



Wrench No.	Openings Milled	
1019	3/16 & 1/4	...
1020	1/4 & 5/16	...
1721	5/16 & 3/8	...
1021	5/16 & 13/32	...
1722	5/16 & 7/16	...
1723	3/8 & 7/16	...
1022	5/16 & 1/2	...
1023	13/32 & 1/2	...
1723A	3/8 & 1/2	...
1024	13/32 & 19/32	...
1725	7/16 & 1/2	...
1725B	1/2 & 9/16	...
1025	1/2 & 19/32	...
1725A	7/16 & 9/16	...
1726	1/2 & 5/8	...
1026	1/2 & 11/16	...
1727	9/16 & 5/8	...
1027	19/32 & 11/16	...
1027C	9/16 & 11/16	...
1027S	5/8 & 11/16	...
1028S	5/8 & 25/32	...
1729	5/8 & 3/4	...
1029	11/16 & 25/32	...
1028	19/32 & 25/32	...
1728	9/16 & 3/4	...
1730	5/8 & 13/16	...
1030	11/16 & 7/8	...
1731	3/4 & 13/16	...
1731A	3/4 & 7/8	...
1033	7/8 & 31/32	...
1031	25/32 & 7/8	...
1731B	13/16 & 7/8	...
1732A	3/4 & 1	...
1032	25/32 & 31/32	...
1732	13/16 & 1	...
1033A	7/8 & 15/16	...
1033C	15/16 & 1	...
1034A	15/16 & 1-1/16	...
1035	31/32 & 1-1/16	...
1735	1 & 1-1/8	...
1733	7/8 & 1	...
1034	7/8 & 1-1/16	...
1734	7/8 & 1-1/8	...
1036	31/32 & 1-1/4	...
1736	1 & 1-1/4	...
1037	1-1/16 & 1-1/4	...
1737	1-1/8 & 1-1/4	...
1038	1-1/16 & 1-7/16	...
1738	1-1/8 & 1-3/8	...
1739	1-1/4 & 1-3/8	...
1039	1-1/4 & 1-7/16	...
1739A	1-1/4 & 1-1/2	...
1739B	1-3/8 & 1-1/2	...
1040	1-1/4 & 1-5/8	...
1041	1-7/16 & 1-5/8	.....

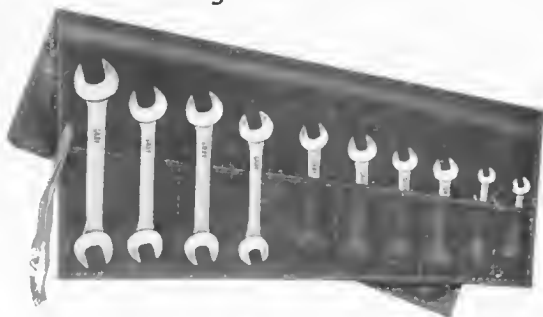
Gray-Bonney Chrome Vanadium Engineers' Wrenches

	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Standard Screws and Nuts	Extreme Length	Thick- ness of Head
				2-3/4	1/8
	& 1/8	& 1/8	& 1/8	3	5/32
	1/8 & 1/8 & 3/16 1/8 &	1/8 & 3/16 1/8 & 1/8 & 1/4 3/16 & 1/4	& 1/4 & 1/4	5	7/32
	1/8 & 1/4 3/16 & 1/4 & 1/4	1/8 & 5/16 & 5/16 3/16 & 5/16	& 5/16 & 5/16 & 5/16	5	7/32:
	3/16 & 5/16 & 1/4 1/4 & 1/4 & 5/16	1/4 & 5/16 5/16 & 3/8 5/16 & 1/4 & 3/8	1/4 & 5/16 5/16 & 3/8 5/16 & 1/4 & 3/8	6-1/4	15/64
	1/4 & 1/4 & 3/8 5/16 & 3/8 & 3/8 & 3/8	5/16 & 7/16 5/16 & 3/8 & 7/16 3/8 & 7/16 &	5/16 & 7/16 5/16 & 3/8 & 7/16 3/8 & 7/16 &	7	9/32
	& 7/16 3/8 & 7/16	7/16 & 7/16 & 1/2	7/16 & 7/16 & 1/2	8	5/16
	5/16 & 7/16 3/8 & 1/2	3/8 & 1/2 7/16 & 9/16 & 5/8	3/8 & 1/2 7/16 & & 9/16	8	5/16
	& 1/2 1/2 & 9/16	1/2 & 9/16 1/2 & 5/8 5/8 &	1/2 & 1/2 & 9/16 9/16 &	9	3/8
	7/16 & 1/2 & 1/2 7/16 & 9/16 1/2 &	& 5/8 9/16 & 5/8 1/2 & 3/4 9/16 & 3/4 5/8 &	& 9/16 & 9/16 1/2 & 11/16 9/16 & 5/8	9	3/8
	& 5/8 9/16 & 5/8	& 3/4 3/4 & 7/8	5/8 & 11/16 5/8 & 3/4 & 3/4 11/16 &	10-3/4	7/16
	1/2 & 1/2 & 5/8 1/2 &	5/8 & 3/4 5/8 & 5/8 & 7/8	9/16 & 11/16 9/16 & 3/4 9/16 &	10-3/4	7/16:
	9/16 & 3/4 & 3/4 5/8 & 3/4 & 3/4	& 1 3/4 & 1 & 1 7/8 & 1	& 7/8 11/16 & 7/8 3/4 & 7/8 & 7/8	12	17/32
	5/8 & 7/8 3/4 & 3/4 & 7/8 3/4 & 3/4 & 1	7/8 & 1-1/8 1 & 1-1/8 1 & 1 & 1-1/4 1-1/8 & 1-1/4 1 & 1-3/8	3/4 & 1 7/8 & 7/8 & 1 7/8 & 7/8 & 1-1/8	14	9/16
	7/8 & 1	& 1-3/8	1 & 1-1/8	15-1/2	13/16

Gray-Bonney Engineers' and Tappet Wrenches

Gray-Bonney Engineers' and tappet wrenches are made thinner, lighter and stronger with just the right angle, and machined to fit the nut snug. All these advantages make your work easier. This has all been made possible by the use of chrome vanadium steel, carefully machined and heat treated. Chrome plated with polished heads.

No. 10E Engineers' Wrench Set



The No. 10E Set contains fifteen different openings and is ideal for the mechanic who prefers a complete range of sizes from 5/16" to 1-1/16". This set gives you more openings with less wrenches than is usually found in other sets. Set contains the following numbers: 1721, 1723, 1725, 1725B, 1727, 1027, 1729, 1031, 1732 and 1034A.

No. 10ELR Set in leatherette roll as illustrated.

No. 10ECB Set in cardboard box.

No. 6E Engineers' Wrench Set



The No. 6E Engineers' Wrench Set includes six wrenches to cover all of the most popular sizes of nuts and bolts. The wrenches in this set contain no duplicate openings.

These six wrenches are the following numbers:

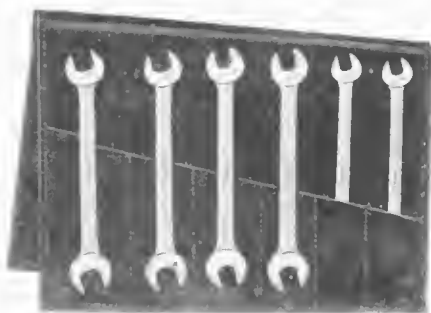
1723, 1025, 1027C, 1028S, 1731A, 1033C.

No. 6ELR Set in leatherette roll as illustrated.

No. 6ECB Set in cardboard box.

Gray-Bonney Engineers' and Tappet Wrenches

Nos. 6T and 4T Tappet Sets



Gray-Bonney Tappet Wrench Sets are arranged to give the mechanic a selection of the most used wrenches in a compact leatherette roll.

No. 6T Set consists of 6 Chrome Vanadium Tappet Wrenches, 2 each Nos. 122A, 124A and 124B, covering openings $7/16'' \times 1/2''$, $9/16'' \times 5/8''$, $11/16'' \times 3/4''$. In leatherette roll as illustrated.

No. 4T Set consists of 4 Wrenches, 2 each Nos. 122 and 124, covering sizes $1/2''$, $9/16''$, $5/8''$ and $11/16''$. In leatherette roll.

Standard Tappet Wrenches

No.	Size Openings	Length	Thickness Heads
122A	$7/16''$ & $1/2''$	8"	$5/32''$
122B	$17/32''$ & $21/32''$	8"	$5/32''$
122	$1/2''$ & $9/16''$	8"	$5/32''$
124A	$9/16''$ & $5/8''$	8-1/2"	$3/16''$
124	$5/8''$ & $11/16''$	8-1/2"	$3/16''$
124B	$11/16''$ & $3/4''$	8-1/2"	$3/16''$
426	$3/4''$ & $7/8''$	9"	$7/32''$
428	$15/16''$ & 1"	9-1/2"	$7/32''$

Extra Long Tappet Wrenches



No.	Size Openings	Length	Thickness Heads
L401A	$7/16''$	15"	$3/16''$
L402	$1/2''$	15"	$3/16''$
L403	$9/16''$	15"	$3/16''$
L404	$5/8''$	15"	$3/16''$

Gray-Bonney Electrical and Ignition Wrenches

Gray-Bonney Ignition Wrenches are correctly designed, and have the heads offset at angles of 15 and 60 degrees. Each size is available in either angle head. They are forged from alloy steel, giving extreme lightness with the necessary strength.

No. 16 Ignition Wrench Set



Gray-Bonney Ignition Wrenches are available in handy leatherette rolls. The No. 16 Set, shown above, contains nine wrenches ranging from $13/64''$ to $1/2''$. The set is designed so that each opening is duplicated, one having 15° angle and the other a 60° angle. In leatherette case.

No.	Openings		Length	Thickness
	15° End	60° End		
E14	$13/64''$	$15/64''$	3"	$7/64''$
E16	$15/64''$	$13/64''$	3"	$7/64''$
E18	$7/32''$	$1/4''$	3"	$7/64''$
E20	$1/4''$	$7/32''$	3"	$7/64''$
E22	$9/32''$	$5/16''$	$3-1/2''$	$1/8''$
E24	$5/16''$	$9/32''$	$3-1/2''$	$1/8''$
E26	$11/32''$	$3/8''$	4"	$9/64''$
E28	$3/8''$	$11/32''$	4"	$9/64''$
E30	$7/16''$	$1/2''$	$4-1/2''$	$5/32''$

No. 17 Ignition Wrench Set



No. 17 Set contains the same wrenches as No. 16, with the addition of No. 517 pliers and No. 001 screwdriver. In leatherette roll.

Gray-Bonney Electrical and Ignition Wrenches

No. 20 Zenel Miniature Wrench Set



Delicate jobs on magnetos, generators, radios, timers, oil cleaners, carburetors, electrical parts and similar jobs are quickly done with Gray-Bonney Miniature Wrenches. The No. 20 Set contains one each of Nos. H10, H12, H14, H16 and H18 listed below. They are made of ZENEL, have panelled handles and are chrome plated. In leatherette roll.

Zenel Miniature Wrenches

No.	Openings Milled	Length	Thick. Heads
H10	3/16" & 7/32"	2-1/2"	3/32"
H12	1/4" & 9/32"	3"	5/32"
H14	5/16" & 11/32"	3-3/4"	3/16"
H16	3/8" & 7/16"	4-1/8"	7/32"
H18	13/32" & 15/32"	4-1/8"	7/32"

No. 21 Extra Small Box Wrench Set



Ideal for work on radios, ignition systems, generators, starters, heaters, etc. E40 and E42 have single hexagon openings; E44 and E46 have double hexagon openings.

No. 21LR Set, 1 each of above 4 Wrenches in a leatherette roll.

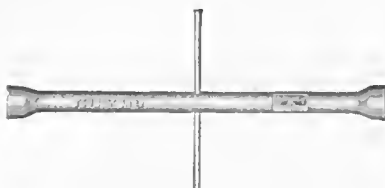
Extra Small Box Wrenches

No.	Openings	Length
E40	3/16" & 13/64"	2-7/8"
E42	7/32" & 15/64"	3-1/8"
E44	1/4" & 9/32"	3-3/8"
E46	5/16" & 11/32"	3-3/4"

Gray-Bonney Special Tools

No. T50

Carburetor Wrench



This is a tool specially designed for removing and installing the jets in model "A" Ford Carburetor. Length 5". Openings, $9/32$ " and $5/16$ ".

No. 2319

Starter and Manifold Wrench



Starter and manifold work on Chevrolet and other cars is simplified by this wrench. The double Hex openings are $9/16$ " and $5/8$ ". Length $7-3/4$ ".

No. 499

Connecting Rod Socket

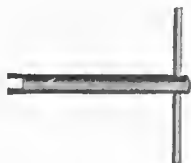
Ford V-8



A $1/2$ " square drive $9/16$ " Single Hex Socket for use when adjusting Ford connecting rod bearing cap nuts. The nose of this socket is thin to make this adjustment easy.

No. 2586

Carburetor Wrench



A special tool for adjusting Ford V-8 Carburetor Jets. It is an accurate tool for the precision adjustments required. Made from Chrome-Vanadium Steel but not guaranteed.

No. 2883

Manifold Wrench for Chrysler



A special tool of Chrome-Vanadium Steel designed for use on the manifold nuts of late Chrysler cars. This tool is chrome plated with heads buffed to a high and permanent lustre. The double hex openings are 5/8" and 9/16". Length 9".

No. 2884

Starter and Manifold Wrench



This is a very popular tool for use on the starter and manifold nuts of many late model cars. The double hex openings are 9/16" and 3/4". The length is 7-1/2".

Gray-Bonney Torque Wrenches

"TAPERED BEAM TYPE"



The most common use of Torque Wrenches in the automotive field is to measure the uniform tightness to which threaded parts are assembled in order to prevent distortion and premature failure. The most common applications are proper tightening of cylinder heads, connecting rod, manifold studs and spark plugs, etc.

These permanently accurate Torque Wrenches are the accepted standard in tools of this type. Here are a few of the main features:—

1. The exceptionally compact head makes these wrenches usable in difficult places.
2. The heavy spring steel pointer is of indestructable material and well guarded at free end.
3. The tapered beam controlled load distribution gives longer life and increases scale range.
4. There are two scales, easily read from any working angle.
5. The form fitting handle fits the hand. It fixes the point of load, gives accurate reading regardless of hand position.
6. Construction riveted and welded, no serews, bolts or adjustments.
7. There are no delicate dials or mechanisms, consequently they can be safely earried with other tools in the regular kit.

	Model N-50	Model N-100	Model N-150
Capacity	0-50 ft. lbs.	0-100 ft. lbs.	0-150 ft. lbs.
Scale Reading graduated in steps of	2½ ft. lbs.	5 ft. lbs.	5 ft. lbs.
Square Drive	½" male	½" male	½" male
Weight	1¼ lbs.	2 lbs.	2¼ lbs.
Length, approx.	15-11/16"	19-13/16"	19-13/16"

Gray-Bonney Adjustable and Head Screw Wrenches

Gray-Alloy Adjustable Wrenches



The Gray-Alloy light weight adjustable wrench is forged from high-grade alloy steel. It is thinner and lighter, yet much stronger than the standard pattern.

Size	Max. Opening
4"	1/2"
6"	3/4"
8"	15/16"
10"	1-1/8"
12"	1-5/16"
15"	1-11/16"
18"	2-1/16"

Dreadnaught Adjustable Wrenches



Gray-Bonney Dreadnaught Adjustable Wrenches are drop-forged from a special analysis steel, carefully tempered and heat-treated. Each wrench is inspected and fully guaranteed against defective material and workmanship. With proper care it will last a lifetime.

Finished—Ground. Heads polished and bright, nickel plated.

Size	Max. Opening
6"	3/4"
8"	15/16"
10"	1-1/8"
12"	1-5/16"

Allen Head Screw Wrenches



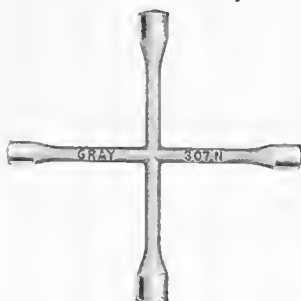
These wrenches are practically indispensable in modern shops, as all late model motors are using hollow head cap screws and set screws on which these wrenches must be used.

No.	Hex. Size	No.	Hex. Size
W3	3/32"	W7	7/32"
W4	1/8"	W8	1/4"
W5	5/32"	W10	5/16"
W6	3/16"	W12	3/8"

W13 Set of 8 above wrenches in fibre box

Gray-Bonney Service Station Tools

Four Way Rim Wrenches



No. 308—Forged steel. Deep sockets, $5/8$ ", $3/4$ ", $13/16$ " and $7/8$ " openings. Arms $9/16$ " diameter and $16-1/2$ " long. Nickel plated and forged from Chrome Vanadium steel.

No. 309—Heavy Duty Universal Truck Type Four-way Wheel Wrench. Deep sockets. sizes— $13/16$ " square; $7/8$ ", 1 ", $1-1/16$ ", $1-3/16$ ", $1-1/2$ " hexagon. Length 25" overall. Cadmium plated.

Truck Rim Wrenches



The truck rim wrenches shown below will cover practically all wheel nuts on present day trucks.

1258	$1-1/2$ " Hex. x $13/16$ " Sq.
7940	$13/16$ " Sq. x $1-1/8$ " Hex.
7944	$7/8$ " Hex. x $1-1/16$ " Hex.
7944A	$7/8$ " Hex. x $1-3/16$ " Hex.
7944B	$5/8$ " Rd. Cross Bar (for use with 7944 only)
1258B	$3/4$ " Rd. Cross Bar (for all other than 7944)

No. 1258—Fits Ford, Dodge and Fargo.

No. 7940—Fits Budd wheels.

No. 7944—Fits International and White.

No. 7944A—Fits G.M.C., Diamond T, Reo, Federal.

No. M6T Spoon Type Tire Iron



Straight pattern for trucks and passenger cars. Length 23".

No. M7T Spoon Type Tire Iron



Curved pattern for trucks and passenger cars. Length 23".

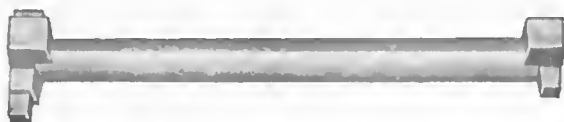
No. M5 Special Lock Ring Tool



For service on trucks with solid and split rings. Length 20".

Gray-Bonney Special Service Station Tools

No. 842 Drain Plug Wrench



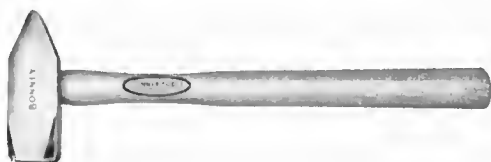
Cast from special steel to service practically all cars.

No. 522 Angle Nose Battery Plier



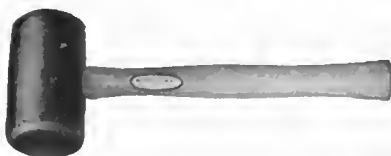
The handiest plier ever designed for battery work. Angle Nose Type. 7-1/2" long.

No. PH19 Tire And Rim Hammer



Drop forged from high grade steel and carefully heat treated. This Tire and Rim Hammer is specially designed for all types of work where such a tool is needed. Weight, 3 lbs. Length overall, 16".

No. PH30 Tire Mallet



No. PH30—Has rubber composition head which excels hickory for durability. It will not shatter, chip or split. Handle is of hickory. Head 2-1/2" in diameter, 4-1/2" long. Handle is 11-1/2" long.

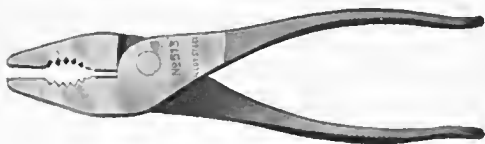
No. 840 Wire Scratch Brush



A good quality brush for removing dirt and grease on tires and rims.

Gray-Bonney Automotive Pliers

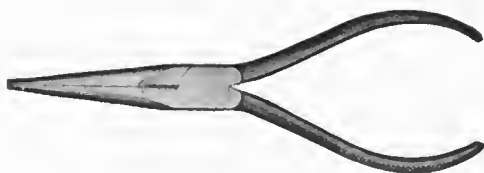
Heat Treated and Tempered Right Through



No. 513. This slender light weight rugged slip joint Plier is a top favourite with mechanics who prefer a real good combination Plier. Forged from special high grade Chrome Vanadium Steel, it has cutting edges ground to give a slight clearance at the gripping end thus ensuring their longer life. The edges can be re-sharpened. Chrome plated and 7" long.



No. 517. This spring tempered midget Ignition Plier is supplied for use on ignition repairs. Made of chrome vanadium steel but very delicate construction. Factory repairs 0.45c net.



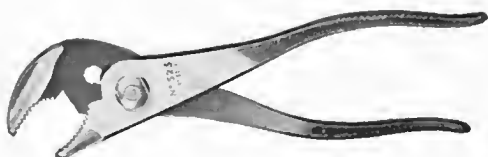
No. 654. These long nose side-cutting Pliers are ideal for doing fine work. Made with spring tempered nose and keen cutting edges. Length 6". (Not guaranteed).

Gray-Bonney Automotive Pliers

Heat Treated and Tempered Right Through



No. 522. The handiest Plier ever designed for use when loosening or tightening the terminal nuts on automotive battery cables. This useful plier is 7-1/2" long.



No. 523. This Angle Gripping Plier combines the handiness of a Plier with the grip of a stillson. It has a head angle of 45 degrees and the jaws will take up to 3/4". It is 7" in length.



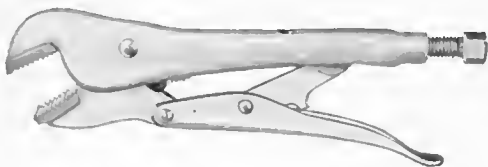
No. 258. An improved slip joint type Plier for use on adjustable type water pumps. It has positive grip action with five different opening adjustments. Maximum opening 2". The overall length is 9-1/2".



No. B16. A good medium priced general purpose Plier that has strong gripping power and excellent cutting jaws. It is forged from Chrome Vanadium Steel and chrome plated with polished head. The length is 6".

Gray-Bonney Automotive Pliers

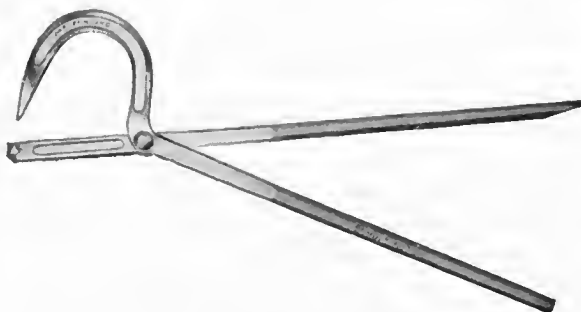
Heat Treated and Tempered Right Through



No. VG7 and VG10. The Vise-Grip Plier is one of the most useful tools ever offered to the mechanic. More than a ton of pressure can be exerted by the use of one hand. The double lever action allows this Plier to be locked on the work with a grip that will not slip. Properly designed and proven on the testing ground of time, this type of tool is supplied in the following sizes: VG7—7" long. VG10—10" long.



No. 525. An extra slim light Brake Plier which will work well on all passenger car and light truck brake jobs. It is not covered by guarantee.



No. 2680. This Brake Spring Plier is an unusually efficient brake service tool. Designed for use when removing or installing internal brake springs on all cars and trucks except Ford.

NUMERICAL AND ALPHABETICAL PRICE LIST

Tool No.	Net	Tool No.	Net
00A	Discontinued	512	Discontinued
001 .....	.35	513	2.70
003 .....	.95	514B	6.00
006	1.00	517	1.50
0010	1.10	517B	8.25
04	1.10	521B	9.70
06	1.40	522	1.65
08	1.80	523	2.55
012	2.45	525	3.30
0668	Discontinued	603	4.50
0669 .....	.45	652	3.90
0670	Discontinued	653	4.20
0671 .....	.60	653L	4.50
0672	1.80	654	2.85
0673 .....	.75	655 .....	.50
4T	4.65	685	1.80
6ECB	7.25	686	2.05
6ELR	7.85	687	2.05
6T	7.05	699	2.00
8	Discontinued	707	1.65
10ECB	11.25	709	2.65
10ELR	12.40	710	2.25
15	10.85	712	2.85
16	8.25	718	1.80
17	10.00	718S	1.35
20	6.20	719	1.80
21LR	4.50	719A	2.05
29UJ	3.00	720	2.50
33UJ	3.00	827	12.85
37UJ	3.00	827H	1.80
39	3.30	827L	1.95
41UJ	3.00	827V	3.00
45UJ	3.00	839 .....	.90
49UJ	3.00	840 .....	.60
80B	6.75	842	1.55
82B	3.90	1001	9.85
86	4.05	1002	19.95
87	3.40	1003	29.90
88	3.05	1019 .....	.60
88S	2.65	1020 .....	.60
89	1.00	1021 .....	.65
98	10.70	1022 .....	.65
114B	9.70	1023 .....	.65
119B	13.40	1024 .....	.85
121B	14.25	1025 .....	.85
122	1.00	1026	1.00
122A	1.00	1027	1.00
122B	1.00	1027C	1.00
124	1.10	1027S	1.00
124A	1.10	1028	1.20
124B	1.10	1028S	1.20
199	1.65	1029	1.20
199C	Discontinued	1030	1.20
Blades (Pkgs. 5) ....	.75	1031	1.65
212	2.25	1032	1.65
212A	2.05	1033	1.65
212C	1.80	1033A	1.65
212E	1.50	1033C	2.25
212G	1.35	1034	2.25
212H	1.30	1034A	2.25
212I	1.20	1035	2.25
212K	1.20	1036	3.00
223	2.10	1037	3.00
258	2.25	1038	5.10
276	1.20	1039	5.10
277	1.30	1040	5.10
278	1.35	1041	8.55
308	1.80	1258	1.50
309	7.05	1258B .....	.90
403 .....	.60	1259	Discontinued
405 .....	.90	1400B	1.95
407 .....	.80	1406 .....	.80
408 .....	.80	1407 .....	.80
409 .....	.80	1408 .....	.80
410 .....	.80	1409 .....	.80
411 .....	.90	1410 .....	.80
412 .....	.90	1411 .....	.90
413 .....	.90	1412 .....	.90
414 .....	.90	1413 .....	.90
415	1.05	1414 .....	.90
426	1.65	1415	1.05
428	1.95	1419 .....	.80
461B	3.75	1421 .....	.80
463	1.00	1425 .....	.90
499 .....	.90	1431	1.05
507	Discontinued	1432	1.05
510	Discontinued	1433	1.15

Orders are accepted for shipment at prices prevailing at time shipment is made, and are subject to change without notice.

Tool No.	Net	Tool No.	Net
1434	1.30	3120	1.50
1435	1.40	3122	1.65
1436	1.40	3124	1.80
1497	6.90	3128	1.95
1721	.65	4002	1.50
1722	.65	4124	1.05
1723	.65	4128	1.05
1723A	.65	4132	1.20
1725	.85	4201	Discontinued
1725A	.85	4202	1.50
1725 B	.85	4203	Discontinued
1726	1.00	4206	1.35
1727	1.00	4207	Discontinued
1728	1.20	4211	1.95
1729	1.20	4212	Discontinued
1730	1.20	4213	3.30
1731	1.65	4215	1.35
1731A	1.65	4284	8.15
1731B	1.65	4285	16.10
1732	1.65	4288	8.55
1732A	1.65	4289	1.20
1733	2.25	4295	8.15
1734	2.25	4298	1.65
1735	2.25	4299	1.65
1736	3.00	7940	3.30
1737	3.00	7944	3.30
1738	5.10	7944A	3.30
1739	5.10	8385	3.30
1739A	5.10	8386	2.10
1739B	5.10	B16	1.50
2307LR	10.30	B17	2.55
2311LR	15.40	B18	3.15
2316	1.05	C2	.60
2318	1.20	C3	.65
2319	1.35	C4	.75
2320	1.35	C5	1.05
2322	1.40	C6	1.20
2324	1.50	C7	1.65
2328	1.65	C10	1.65
2328	1.90	C12	.75
2357D	1.50	C13	.90
2384	1.00	C15	.75
2386	1.10	C16	.90
2387	1.20	C18	.75
2388	1.35	C19	.90
2566	1.15	C21	.50
2566A	1.15	C22	.55
2586	1.20	C23	.75
2590	8.55	C25	.75
2590-1	1.50	C26	.80
2590-2	2.10	C28	.55
2591	3.90	C29	.60
2599	1.50	C30	.80
2628	1.95	C32	.50
2880	3.45	C34	.50
2804C	1.05	C36	1.55
2804L	1.05	C38	1.55
2805L	1.20	C39	Discontinued
2807A	1.35	C44CB	2.75
2808A	1.50	C44LR	3.50
2809C	1.65	C45CB	4.25
2810	2.10	C45LR	5.00
2811	3.00	C46CB	9.60
2811B	3.00	C46LR	10.75
2811E	3.00	C47CB	21.00
2812	3.50	C47LR	23.25
2812A	3.50	CF1	2.75
2812B	3.45	CF2	2.90
2812C	3.45	CF3	9.00
2813	4.80	CP1	.90
2815	9.60	CP2	1.20
2815A	12.05	CP3	1.35
2815B	10.45	CP4	2.25
2819	12.05	CS48	88.00
2821	18.85	D17	14.70
2883	1.65	D406S	.80
2884	1.65	D407S	.80
2890	1.05	D408S	.80
2891	1.20	D409S	.80
2892	1.35	D410S	.80
2892A	1.35	D411S	.80
2893	1.50	D06	9.40
2893A	1.50	E02	.80
2894	2.10	E03	1.10
2894A	2.10	Tubes	.40
2895	3.15	E14	.80
2895A	3.15	E16	.80
2896	3.90	E18	.80
2897	4.35	E20	.80
3114	1.20	E22	.85
3118	1.35	E24	.85
3118	1.50	E26	1.00

Orders are accepted for shipment at prices prevailing at time shipment is made, and are subject to change without notice.

Tool No.	Net	Tool No.	Net
E28	1.00	L0131	7.70
E30	1.10	L0173	13.50
E40	.90	L0200	18.00
E42	.90	L0201	dz. 1.50
E44	.90	L0201F	dz. 1.50
E46	.90	L0202	4.05
F2	2.70	L0203	.45
F3	2.70	L0875	7.50
F4	2.80	L0899C	dz. 1.45
F5	2.80	L0899F	dz. 1.45
F6	4.20	L0920	4.05
F7	2.70	L0925	22.40
F10	4.05	LT9	7.60
F12	4.80	LT12	.80
F13	3.35	LT14	.80
F15	2.25	LT16	.80
F16	2.25	LT18	.80
F24	2.70	LT20	.80
F25	3.95	LT22	.90
F26	22.45	LT24	1.05
F30	Discontinued	LT26	1.05
F31	2.70	LT28	1.05
FB10	35.05	LW1	1.50
FB14	46.35	LW2	1.90
FB19	62.30	LW3	1.90
FT57	2.10	LW4	1.50
H10	1.00	M5	1.50
H12	1.00	M6T	1.65
H14	1.10	M7T	1.65
H16	1.10	MS79SB	114.45
H18	1.10	MS102MSB	179.05
HD11	26.85	MS102MSBC	211.10
HD13	38.50	MS102SB	142.40
HD21	58.80	MSB	46.35
HD28	1.05	MSBC	78.40
HD30	1.20	MSC	32.05
HD31	1.20	N50	12.85
HD32	1.20	N100	12.85
HD34	1.30	N150	16.40
HD36	1.35	PH5M	4.35
HD38	1.35	PH15	1.95
HD40	1.80	Tips	.60
HD42	1.80	PH17	1.20
HD44	1.80	Tips	.45
HD46	2.10	PH19	2.70
HD48	2.10	PH20	2.25
HD50	2.25	Tips	.60
HD52	2.25	PH22	1.95
HD54	3.75	PH23	1.95
HD56	3.75	PH24	2.70
HD58	4.00	PH25	2.70
HD60	4.10	PH26	2.40
HD64	4.10	PH27	2.40
HD70	6.60	PH30	1.80
HS1018	.40	PHB	.40
HS1024	.40	PHC	.65
HS1032	.40	PHL	.40
HS1218	.45	PHP	.65
HS1224	.45	PHR	.25
HS1232	.45	R2	.50
K4	.75	R3	.70
K6	.90	RB1	.50
K8	1.05	RB2	.50
K50	1.20	RB3	.50
K51	1.95	RC1	1.35
K52	1.20	RC2	2.55
K53	2.40	RC3	4.05
K54	.90	RE3	4.05
K55	1.80	RE5	6.00
K56	.30	RF46	5.40
K57	1.20	RF54	1.95
K58	1.80	RF54A	1.95
K59	1.20	RF55	2.25
L401A	2.70	RF55A	2.25
L402	2.70	RF59	2.55
L403	2.70	RF60	.30
L404	3.00	RF61	.30
LD5	8.10	RF62	.35
LD10	13.75	RF63	.35
LD16	1.10	RF64	.45
LD18	1.10	RF65	.45
LD20	1.30	RF66	2.20
LD22	1.30	RF81	30.90
LD24	1.30	S4228	2.55
LD26	1.30	S4232	2.85
LD28	1.30	S4234	3.05
LD30	1.40	S4240	4.05
LD32	1.65	S4246	4.95
LD36	1.80	SB	9.70
L01	36.10	S01	.80
L03	54.40	S02	.55
L0130	7.70	S04	1.20

Orders are accepted for shipment at prices prevailing at time shipment is made, and are subject to change without notice.

Tool No.	Net
S08	1.65
S08	2.25
S012	2.70
SP1 .....	.60
SP2 .....	.60
SW12T	11.00
SW14	16.20
SW15	25.25
SW15T	14.80
SW20	33.15
SW23	36.80
SW35	53.25
SW44	69.20
T3	2.25
T4	1.65
T5	2.10
T9	2.10
T10 .....	.65
T12 .....	.65
T14 .....	.65
T16 .....	.85
T18 .....	.65
T20 .....	.65
T22 .....	.75
T24 .....	.75
T27 .....	.80
T30	3.00
T31	1.35
T32 .....	.40
T35	5.10
T36	1.55
T50	Discontinued
TA1018	dz. .90
TA1024	dz. .90
TA1032	dz. .90
TA1218	dz. 1.05
TA1224	dz. 1.05
TA1232	dz. 1.05
TC2	1.00
TG12	11.35
TG20	28.00
TG20B	2.25
TH8	1.75
TR1	2.70
TR2	2.70
TR4 .....	.85
TR6 .....	.95
TR8	1.00
TR10	1.00
TS4	1.00
TS7	1.10
TS8 .....	.65
TS10 .....	.65
TS12 .....	.65
TS14	1.05
TS16	1.05
TS18	1.15
TS20	1.15
TU7	11.10
TU14	2.70
TU16	2.70
TU18	3.00
TU20	3.00
V6 .....	.45
V7 .....	.45
V8 .....	.45
V9 .....	.45
V10 .....	.45
V11 .....	.45
V12 .....	.45
V14 .....	.45
V22	1.35
V25	3.60
V26	2.55
V27 .....	.20
VG7	1.95
VG10	2.40
VS8 .....	.45
VS10 .....	.45
VS12 .....	.45
VS13	7.90
VS14	11.35
VS30	25.90
W3 .....	.10
W4 .....	.10
W5 .....	.10
W6 .....	.10
W7 .....	.15
W8 .....	.20
W10 .....	.25
W12 .....	.30
W13	1.20

Tool No.	Net
W03 .....	.60
W04 .....	.60
W08 .....	.75
W08	1.05
W010	1.20
WP	2.55
WP1 .....	.50
WP2 .....	.50
WP3 .....	.60
WP4 .....	.90
X29	2.85
X30	3.75
X31	2.40
X32	3.60
X33	3.90
X46	3.00
X48	3.00
X52	3.30
X58	5.25
X60	6.00
X64	6.45
X70	6.90
X72	7.35
X76	8.25
X80	10.70
X84	12.10
X88	15.65
X94	19.95
X100	21.35
XH	56.85

REAMERS

A	4.05
B	3.95
C	4.30
D	4.30
E	4.50
F	4.50
G	5.00
H	5.30
I	6.35
J	7.20
K	9.00
L	10.40

PILOTS

A	2.10
B	2.10
C	2.10
D	2.25
E	2.25
F	2.40
G	2.40
H	2.80
I	2.85
J	3.75
K	4.50
L	5.25

GRAY-ALLOY ADJUSTABLE WRENCHES

4"	Discontinued
6"	1.30
8"	1.65
10"	2.00
12"	3.00
15"	4.50
18"	7.25

DREADNAUGHT ADJUSTABLE WRENCHES

6"	1.10
8"	1.35
10"	1.70
12"	2.50

STRAIGHT RIDGID WRENCHES

(Offset pattern has been discontinued)	
6"	2.10
8"	2.40
10"	3.15
12"	3.75
14"	4.20
18"	8.15
24"	10.10
36"	21.35

FEELER STOCK

All Sizes30
-----------------	-----

Orders are accepted for shipment at prices prevailing at time shipment is made, and are subject to change without notice.

Gray-Bonney Automotive Pliers

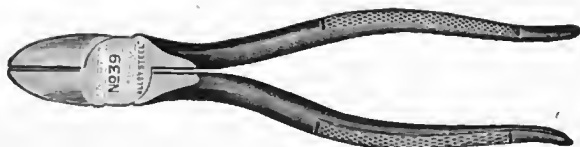
Heat Treated and Tempered Right Through



No. B17. This medium size diagonal Cutting Plier has great cutting ability. Forged from Chrome Vanadium Steel with accurately ground cutting edges. It is ideal for pulling cotter keys. Chrome plated with polished head. Length 6".



No. B18. This heavy duty diagonal cutter has extra leverage for the heavy duty work. Forged from Chrome Vanadium Steel, cutting edges carefully ground, with polished head. 7" long.



No. 39. This diagonal cutting Plier is a high quality diagonal cutter with hand-honed cutting edges. Drop forged from alloy steel with polished head. Length 7".

Gray-Bonney Punches and Chisels



PRY OR PINCH BAR

No.	Size Stock	Length
C38	5/8"	16"



FLAT CHISELS

No.	Size Stock	Width of Cut	Length
C2	3/8"	1/2"	5-1/2"
C3	1/2"	5/8"	6"
C4	5/8"	3/4"	6-1/2"
C5	3/4"	7/8"	7-1/2"
C6	7/8"	1"	8"
C7	1"	1-1/4"	8-1/2"



LONG FLAT CHISEL

No.	Size Stock	Width of Cut	Length
C10	3/4"	7/8"	14"



CAPE CHISELS

No.	Size Stock	Width of Cut	Length
C12	1/2"	1/4"	6"
C13	5/8"	3/8"	7"



DIAMOND POINT CHISELS

No.	Size Stock	Width of Cut	Length
C15	1/2"	1/4"	6"
C16	5/8"	3/8"	7"



ROUND NOSE CHISELS

No.	Size Stock	Point Diameter	Length
C18	1/2"	1/4"	6"
C19	5/8"	3/8"	7"



RIVET BUSTER

No.	Size Stock	Width of Cut	Length
C36	3/4"	5/8"	12"

Gray-Bonney Punches and Chisels

Chisels, Punches and similar hand tools are naturally subjected to very severe service. Gray-Bonney has spared no effort to meet these conditions and to offer the best in these types of tools. All are made of special alloy steel and are carefully forged and heat treated. Mechanics find that the bits are hard and tough enough to work on any untempered material, but still sufficiently soft to be resharpened with a file. They have comparatively soft heads, which reduce chipping and allow them to be readily redressed when battered.



PIN PUNCHES

No.	Size Stock	Point Diameter	Length
C28	3/8"	1/8"	5"
C29	1/2"	3/16"	5-5/8"
C30	5/8"	1/4"	6-3/8"



LONG TAPER PUNCHES

No.	Size Stock	Point Diameter	Length
C25	3/8"	5/32"	8"
C26	1/2"	3/16"	9"



SOLID PUNCHES

No.	Size Stock	Point Diameter	Length
C21	3/8"	1/16"	5-1/2"
C22	1/2"	3/32"	6-1/4"
C23	5/8"	1/8"	7"



PRICK PUNCH

No.	Size Stock	Length
C32	3/8"	5"



CENTRE PUNCH

No.	Size Stock	Length
C34	3/8"	5"

Gray-Bonney Punch and Chisel Sets

Gray-Bonney Chisels and Punches are forged from selected alloy steel and are carefully heat treated. Their working bits are hard and tough enough to work on any untempered material, but still sufficiently soft to be resharpened with a file. Their comparatively soft heads reduce chipping to a minimum and allow them to be readily redressed when battered. No better tools of this type can be purchased anywhere.

No. C46 Chisel and Punch Set



The Gray-Bonney No. C46 Set offers the mechanic a compact and complete assortment of chisels and punches to entirely cover his every-day requirements. Nine chisels and four punches are included, as follows: Flat Chisels Nos. C2, C3, C4, C5, C6. Cape Chisels Nos. C12 and C13, and Diamond Point Chisels Nos. C15 and C16. Pin Punches Nos. C28, C29, C30, and Centre Punch C34.

Every piece is forged from high quality alloy steel and is carefully heat treated. The heads and working bits are full finished.

C46CB—In cardboard box.

C46LR—In leatherette roll.

Guarantee—Punches and Chisels

Every care is taken to eliminate the possibility of defects in Gray-Bonney punches and chisels. We will gladly replace any tool, which after reasonable use, shows signs of defective material or workmanship, provided that claim is made within thirty days from date of purchase. Punches or chisels which have been abused or reground cannot be replaced.

Lining-Up Punches



(Silico-Manganese Steel)

No. 8386—Lining-Up Punch, 5/8" stock, 5/16" point. Length, 15".

No. 8385—Lining-Up Punch, 3/4" stock, 5/16" point. Length, 18".

Gray-Bonney Punch and Chisel Sets

No. C47 Chisel and Punch Set



For mechanics who require a complete line of punches and chisels there is no better assortment than the Gray-Bonney C47 Set. It contains thirteen Chisels, ten Punches, a Rivet Buster and a Pry or Pinch Bar.

Chisels included—Flat Chisels Nos. C2, C3, C4, C5, C6, C7; Cape Chisels C12 and C13; Long Flat Chisel C10; Diamond Point Chisels Nos. C15 and C16; Round Nose Chisels C18 and C19. Punches included—Long Taper Punches Nos. C25 and C26; Prick Punch C32; Solid Punches C21, C22, C23; Pin Punches C28, C29, C30; Centre Punch C34. Rivet Buster C36 and Pry or Pinch Bar C38.

C47CB—In cardboard box.

C47LR—In leatherette roll.

No. C44 Punch Set

Contains the five most used punches—C28 and C29 Pin Punches, C21 and C22 Solid Punches and C34 Centre Punch.

C44LR—In leatherette roll.

C44CB—In fibre box.

No. C45 Flat Chisel Set



The Gray-Bonney C45 Flat Chisel Set completely covers the range of chisel requirements of the average mechanic. It contains five flat chisels—Nos. C2, C3, C4, C5 and C6, having width of cuts of 1/2", 5/8", 3/4", 7/8" and 1", respectively.

All are forged from high quality alloy steel of the composition most suitable for this type of tool. They are heat treated to assure a hard, tough working bit, while their octagon shape offers an easy, secure grip.

C45CB—In cardboard box.

C45LR—In leatherette roll.



Robertson Screw Drivers

Wood Handle

The extensive use of Robertson screws in automobile body work makes it necessary for all mechanics to own a set of Robertson screw drivers. They are strongly made and finished in different colors, which indicate the size.

No. RB1—Green—for screws 4, 5 and 6; 8-1/4" long.

No. RB2—Red—for screws 7, 8 and 9; 9-1/2" long.

No. RB3—Black—for screws 10-14, incl.; 9-1/2" long.

Short Phillips' Screw Drivers



For cramped quarters—in tightening wind-shield mouldings and on similar jobs—that cannot be reached with regulation length screw drivers, these short screw drivers will be found convenient. Of quality equal to regulation length wood handle screw drivers for Phillips' Screws.

No.	Blade		Fits Phillips Screw
	Length	Diameter	
SP1	1"	9/64"	No. 4 and Smaller No. 5 to No. 9 Inc.
SP2	1-3/8"	1/4"	

No. 0672 Offset Screwdriver Set

Offset Screwdrivers are well adapted for work in the "hard-to-get-at" places and are well suited for ignition, carburetor, generator and starter work. Made with offset on each end in same direction to eliminate danger of injuring the hand. Plated finish.

No.	Size Stock	Length
0669	1/4"	5-3/8"
0671	3/8"	6-1/2"
0673	1/2"	7"

0672 Set in cardboard box, contains one each above.

Gray-Bonney Special Screw Drivers

Phillips' Screw Drivers

Wood Handle

Phillips' screws are rapidly becoming very popular, and every mechanic should have one or more screw drivers of this type. The sizes listed below will take care of all screws. Blades are forged from alloy steel, and are carefully heat treated. The handles are of hardwood, and attractively finished.



No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diam.		
WP1	3"	9/64"	6-1/4"	No. 4 and smaller
WP2	4"	1/4"	8-3/4"	No. 5 to No. 8 inc.
WP3	6"	5/16"	11"	No. 10 to No. 16 inc.
WP4	8"	3/8"	14-1/2"	No. 18 and larger

For the mechanic who needs a full set, No. WP Set contains one of each above size. Packed in cardboard box.

Phillips' Screw Drivers

Composition Handle




Where extreme strength is required, these new Phillips' Screw Drivers will be ideal. They have the popular transparent handles, with the blades securely anchored to prevent turning.

No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diam.		
CP1	3"	9/64"	6"	4 and smaller
CP2	4"	1/4"	7-3/4"	5 to 9 Inc.
CP3	6"	5/16"	10-1/4"	10 to 16 Inc.
CP4	8"	3/8"	11"	18 and larger

Gray-Bonney Screw Drivers

Square Shank



Gray-Bonney Square Shank Screw Drivers are made with forged one-piece blades, from special alloy steel, carefully heat treated over their entire length. The handles are of the popular transparent type, which combines toughness and durability with attractive appearance. Screw drivers in the square series are primarily designed for strength and are confidently recommended for heavy work. Blades are formed with an upset shoulder, against which the handles are forced, and the method of anchoring the shank eliminates the possibility of loose handles.

No.	Length of Blade	Width of Tip	Overall Length
S04	4"	5/16"	7-3/4"
S06	6"	7/16"	10-1/4"
S08	8"	1/2"	12-3/4"
S012	12"	1/2"	17-1/2"

Guarantee — Screwdrivers

Screwdriver Blades are heat treated throughout; broken blades can be re-ground or returned to factory for re-grinding. We cannot accept responsibility for screwdrivers which have been abused.

Electricians'

Gray-Bonney Electricians' Screw Drivers are designed with the care and precision so necessary in screw drivers of this type. The blades are forged from special alloy steel, and are heat treated over their entire length. All drivers, regardless of length, are made from 3/16" stock, which makes them invaluable for reaching hard-to-get-at-screws. The handles are made of tough transparent composition, and are non-conductors of electricity.

No.	Length of Blade	Width of Tip	Overall Length
003	3"	3/16"	6-1/2"
006	6"	3/16"	9-1/2"
0010	10"	3/16"	13-1/2"

Gray-Bonney Screw Drivers

Round Shank

Gray-Bonney Round Shank Screw Drivers are somewhat lighter than the square type, and are ideal for automotive mechanics. They are made with blades ranging from 4" to 12", and all tips are taper ground, with the entire length of the blades finely polished. The handles are made of moulded composition, and in addition to being extremely durable, are designed to give the user a secure yet comfortable grip. The blade is forged from alloy steel and carefully heat treated over its entire length.

These screw drivers are ideal for electrical work as the handles are non-conductors of electricity.

No.	Length of Blade	Width of Tip	Overall Length
04	4"	1/4"	7-3/4"
06	6"	5/16"	10-1/4"
08	8"	3/8"	13"
012	12"	7/16"	17-1/2"

Care of Screwdrivers

We frequently receive screwdrivers for grinding which have been used where a tire iron or chisel would have been more suitable. This practice does not save time and usually results in spoiling a good screwdriver.

Wood Handle

Gray-Bonney Wood Handle Screw Drivers are made with the same high grade materials as used in the more expensive drivers. Blades are forged from alloy steel, and are securely anchored in the handles, which are of selected hardwood and beautifully finished.

Tips are taper ground, and the fluted handles give a firm yet comfortable grip. These screw drivers are ideal for mechanics, carpenters and electricians, and are excellent value.

No.	Length of Blade	Width of Tip	Overall Length
W03	3"	7/32"	7-1/4"
W04	4"	1/4"	9"
W06	6"	5/16"	11-3/4"
W08	8"	3/8"	14-1/2"
W010	10"	7/16"	16-1/2"



Gray-Bonney Special Screw Drivers

Adjusting



This short, sturdy screwdriver is invaluable for work in confined spaces and on overhead tappet adjustments. The blade is formed from alloy steel and carefully heat treated.

No.	Length of Blade	Width of Tip	Overall Length
S01	1-3/4"	1/4"	3-3/4"
S02	1"	1/4"	2-3/4"

No. 001 Pocket Size



A very handy screw driver for the mechanic. Clip for holding driver in pocket supplied with each driver. Blade heat treated and handle non-conducting composition. Tip 1/8", length 2".

No. E02 Neon Tube Pocket Type



Neon Tube in the handle for testing spark plugs; a tough composition handle that is a non-conductor of electricity. A wire guard that slips down over the tip and protects the pocket; a magnetized tip; and a strong pocket clip. The blade is made of alloy steel and is firmly anchored in the handle. Length of blade, 2-1/4"; width of tip, 1/8".

No. E03 Neon Tube Electrical Type



A most useful tool for automotive and electrical work. Built to stand hard usage. Has Neon Tube in handle.

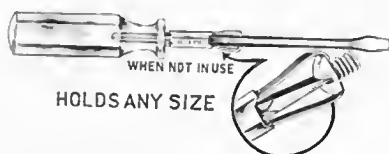
When testing spark plugs, a brilliant orange flash shows plug is O.K. Completely shorted plugs produce no flash. A stringy flash shows plug is partly fouled. Size, 3"; width of tip, 3/16".

Extra Neon Tubes can be supplied.

NOTE—Owing to the delicate construction of the blades in 001, E02 and E03 drivers and the Neon tubes in E02 and E03, they are not guaranteed against breakage.

Gray-Bonney Special Screw Drivers

Hold-E-Zee Screw Drivers



Hold-E-Zee Screw Drivers will hold screws firmly, and will save much valuable time. Handles are of tough composition, with blades carefully heat treated.

No.	Blade Size	Overall Length
R2	5/32" x 2"	4-3/4"
R3	5/32" x 3"	5-3/4"
TR4	5/32" x 4"	7-1/4"
TR6	5/32" x 6"	9-5/8"
TR8	5/32" x 8"	11-5/8"
TR10	5/32" x 10"	13-5/8"
TC2	7/32" x 1-3/4"	4-1/4"
TS4	7/32" x 4"	8-1/4"
TS7	7/32" x 7"	11-1/4"
TH8	5/16" x 8"	12-7/8"

Dealers' Assortment and Display



D-17 Assortment—Just the right size unit from quality, cost standpoint. Attractive, sturdy, three-color display, on counter or display wall, assures lively sales—permits quick refill. Excellent range of sizes—high quality drivers—tomorrow's screwdriver—today.

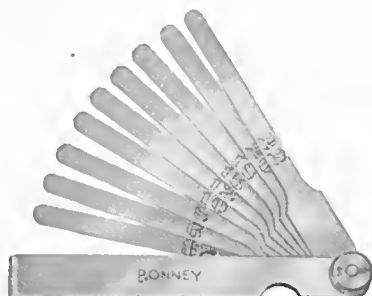
Front holds one each TH8, TS7, TS4, R2, TR4, TR6 and TR8 types with back up stock of 10 drivers—two each except TH8 and TR8. Entire assortment 17 drivers and display, is packed in an individual carton.

Weight 3 3/4 pounds.

Gray-Bonney Feeler Gauges

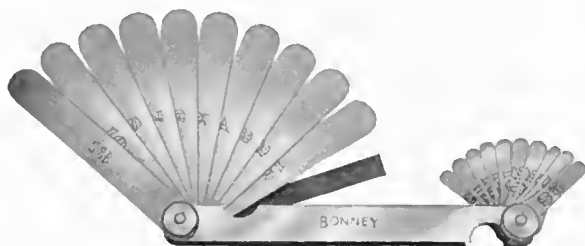
Gray-Bonney Feeler Gauges are made from the finest imported Swedish Steel, carefully Heat-Treated and Tempered to withstand wear. Each blade is tested to insure the exact thickness which is etched on it.

No. K50 Brake Adjusting Gauge



For measuring clearance between brake and shoe. 9 blades 4" long in the following thicknesses—.006; .008; .010; .012; .015; .018; .020; .022 and .032.

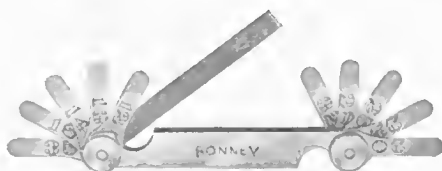
No. K51 General Purpose Gauge



Especially for tappet and ignition work—the most popular gauge on the market. 10 blades 1-1/2" long, 10 blades 3-5/8" long and 3" point file. Short blades in the following thicknesses—.012; .013; .014; .018; .020; .022; .024; .025; .028; .032. Long blades in following thicknesses—.002; .003; .004; .005; .006; .007; .008; .010; .013 and .015.

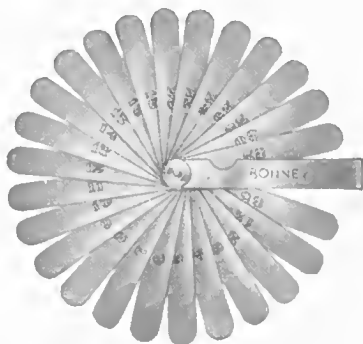
Gray-Bonney Feeler Gauges

No. K52 Ignition Gauge



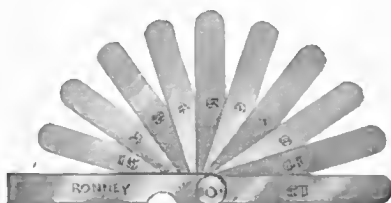
Contains 10 narrow blades 1-1/2" long and 3" point file for ignition distributor points and spark plugs. Thickness of blades included as follows—.012; .013; .014; .018; .020; .022; .025; .028; .032 and .035.

No. K53 Universal Master Gauge



Has full range of spacers—25 blades, each 3-5/8" long in following thicknesses—.0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032 and .035.

No. K54 Standard Feeler Gauge

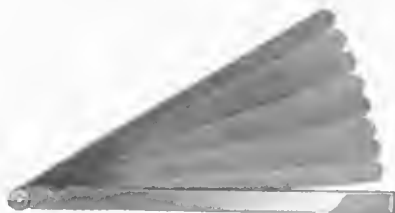


Contains 10 blades 3-3/8" long in following sizes—.002; .003; .004; .005; .006; .007; .008; .010; .012 and .015.

Gray-Bonney Feeler Gauges

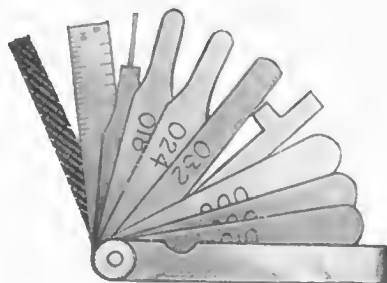
Gray-Bonney Feeler Gauges are made from the finest imported Swedish Steel, carefully Heat-Treated and Tempered to withstand wear. Each blade is tested to insure the exact thickness which is etched on it.

No. K55 Extra Long Feeler Gauge



Exceptionally useful for pistons, etc. Has 8 blades, each 9" long in the following sizes—.002; .003; .004; .005; .006; .008; .010; .015.

No. K57 Chevrolet Feeler Gauge



This Gauge, especially designed for the Chevrolet cars and trucks, has eight blades, an ignition file and 3-inch steel rule. It also includes: Float Level Gauge; Gauges for valve setting; Round Wire Stock Gauge for spark plug gaps. This is a tool every Chevrolet mechanic will find very convenient.

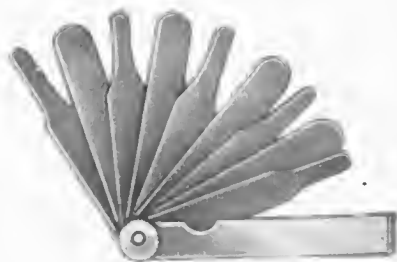
Feeler Gauge Stock

Made from the same high quality Swedish Steel as used in the Gray-Bonney Gauges. Supplied in handy 12" lengths, each marked as to size and wrapped in cellophane. 12 pieces to carton.

Available in following sizes:—.0015; .002; .004; .006; .008; .013; .015; .018; .024 and .025.

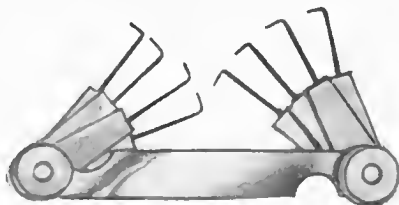
Gray-Bonney Feeler Gauges

No. K58 Ford Feeler Gauge



For the service man that works on Ford cars and trucks. Each of the nine blades is marked with the thickness as well as the purpose for which it is to be used. Ends of blades have been carefully ground to provide for the accurate adjustments necessary to assure satisfactory operation of all Ford cars and trucks.

No. K59 Spark Plug Gap Gauge



This Gauge is designed specifically for use when adjusting spark plug gap settings. The feelers are of round wire gauge stock and permit very accurate settings.

No. K56 Single End Feeler Gauge

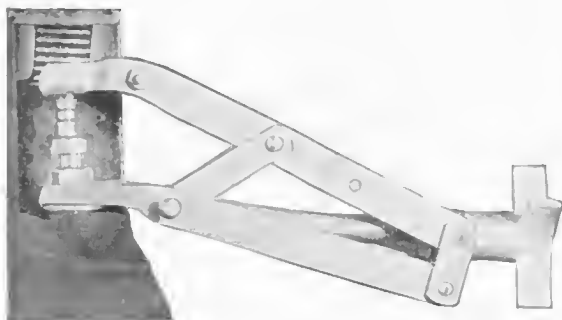


Positive Adjustable Lock Stock Holder

Any thickness of feeler gauge stock coils within the handle and can readily be pulled out for use. Any desired length of strip stock or standard 12" blades may be used. Positive sliding lock securely holds blades. Made from hard drawn, cold rolled steel and satin nickel plated. Length, 4-1/2". Weight, 1 oz.

Gray-Bonney Valve Tools

No. CF1 Stubby Type Valve Lifter



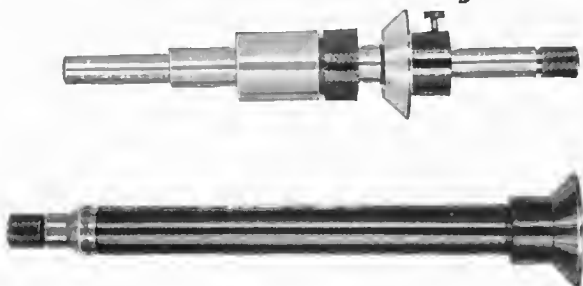
The little stubby has many outstanding features to make it the most popular universal valve lifter on the market to-day. It is so small that it gets in all the tight corners with ease. It has no catches to wear and slip; no pinching of fingers, etc. Not necessary to remove manifolds when you use a Gray-Bonney stubby.

No. CF2 Split Lock Replacer



The No. CF2 is just the tool for replacing all types of split keys on hard-to-get-at motors — Chrysler, Dodge, DeSoto, Plymouth, Studebaker, Oldsmobile and all late model cars. The sliding base prevents the keys from dropping into the motor. Simple to load; easy to operate; much safer than grease.

Valve Micrometer Gauge



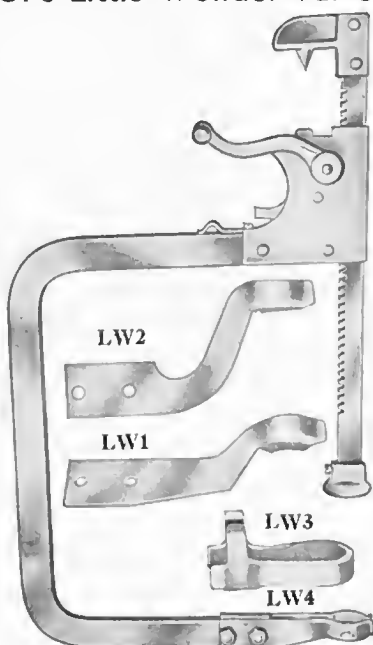
This tool will be found invaluable to the Ford mechanic when fitting valves. The time wasted in using feeler gauges and trying the valve in the motor is completely eliminated, and the job can be done in half the time usually taken, and with accuracy that cannot be equalled.

No. L0130 Complete Set for 60 Horse Power V-8 Fords.

No. L0131 Complete Set for all Model A, B and V-8 Fords (except 60 H.P.), and all Mercury and Lincoln Zephyrs.

Gray-Bonney Valve Tools

No. CF3 Little Wonder Valve Lifter



This popular type of valve lifter is a necessity in every garage. It is large enough to clear the manifold, thereby saving valuable time. The improved rack and pinion mechanism will lock securely at any desired point, and the thin jaws will fit into any coil so that the spring can be compressed and the pin removed. The re-compression device makes it easy to compress springs before replacement. This lifter will work equally well on cars as well as trucks, and comes complete with three different sized compression jaws LW3 (for replacing spring in motor) and one pair of straight standard jaws, LW4 as illustrated.

Extra Parts

- No. LW1—Offset G.M.C. and Continental Jaws (pair)
- No. LW2—Special Plymouth and Dodge Jaws (pair)
- No. LW3—Extra Spring Clips (set of three).
- No. LW4—Straight Standard Jaws (pair).

No. FT57 V-8 Universal Valve Lifter

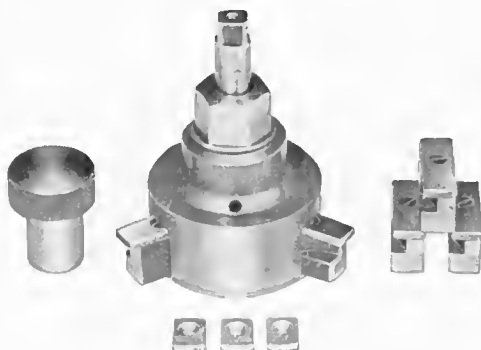
To Fit All Models



A new design of Ford Valve Lifter especially designed to fit all models. The double end feature is a definite improvement over the old type and eliminates the necessity of buying two tools. Drop forged from alloy steel and 27" long. Not guaranteed against breakage.

Gray-Bonney Piston and Special Tools

Universal Cylinder Ridge Reamer No. L0173



This ridge reamer removes the unworn ridge from the cylinders of all cars with bores from $2\frac{1}{8}$ " to $4\frac{7}{8}$ ". The supporting lugs are mounted on the blades and expand with them. This eliminates the necessity of removing studs. For cars with recessed heads the lugs are replaced by small plates and the tool rests on the top of the piston while reaming.

No. L0173 Set, as illustrated, contains one set of three blades with lugs to ream $2\frac{1}{8}$ " to $3\frac{3}{4}$ ", one set of three blades with lugs to ream $3\frac{3}{4}$ " to $4\frac{7}{8}$ ", one set of three plates and one operating knob, in metal box.

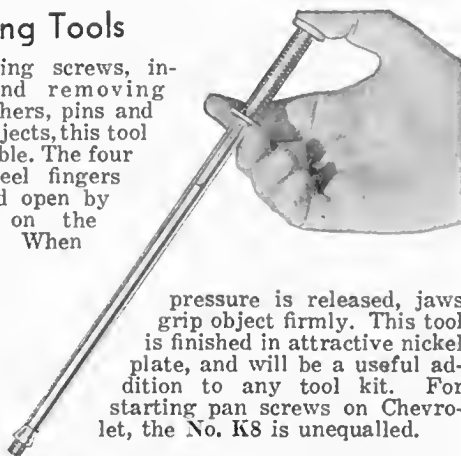
No. 839 Carbon Scraper



Made from spring steel wire to assure long life and flexibility. Permits scraping uneven contours on cylinder heads and blocks.

Holding Tools

For starting screws, inserting and removing small washers, pins and similar objects, this tool is invaluable. The four spring steel fingers are forced open by pressure on the plunger. When



pressure is released, jaws grip object firmly. This tool is finished in attractive nickel plate, and will be a useful addition to any tool kit. For starting pan screws on Chevrolet, the No. K8 is unequalled.

No.	Reach	Length
K4	3"	5-3/4"
K6	6"	8-3/4"
K8	10"	12-3/4"

Gray-Bonney Piston and Special Tools

Improved Ring Compressor



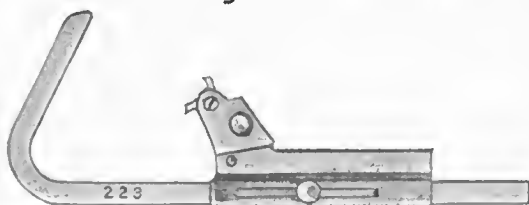
This new and improved ring compressor is a definite improvement over anything previously offered. The self locking pawl will hold the compression band at any point, and in addition a double tension band is provided. This band of high grade spring steel will reduce breakage to a minimum, and will eliminate flare out at the bottom of the compressor. The handle is made of 1/4" stock and can easily be replaced if lost. The beaded edge will prevent the compressor from entering the cylinder. This new tool is made in three sizes, as follows:

No. RC1 for cars 2½" to 5"—Non-locking.

No. RC2 for cars 2½" to 5".

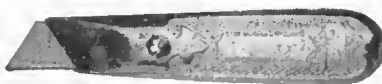
No. RC3 for trucks and Diesel engines with range of 3½" to 7".

No. 223 Ring Groove Cleaner



A handy and practical tool which should be in every garage. The cutter can be instantly adjusted to the desired size of 3/32", 1/8", 5/32" or 3/16", and will handle pistons from the smallest to 6" O.D. Where a groove has to be deepened for the installation of inner rings this tool is ideal.

Shop Knife



For cutting shims, gaskets, packing, top and upholstery materials, this Knife is unsurpassed. Five razor edge blades fit inside the handle, and a new one can be inserted in an instant.

No. 199 Die Cast Aluminum Handle, Complete With Blades.

Extra Blades are available for these Knives in packages of five.

Gray-Bonney Bushing Set and Gear Pullers

No. L0875 Bushing Removers

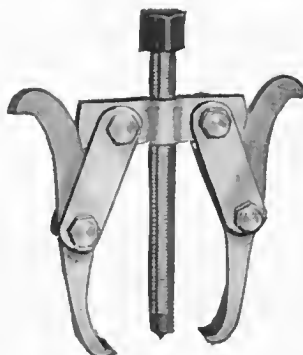
This bushing remover set should be in every up-to-date garage and repair shop where modern cars are serviced. The sizes have been carefully selected, making it possible to service practically every car, truck and tractor. It will be found invaluable on water pump, king bolt, starter, and the many other bushings found on the present day car.



These tools are made of high grade steel and are carefully heat treated for long life and hard usage. The complete set contains 17 bushings, three arbors complete with retaining nuts. Packed in sturdy metal case.

Gear Pullers

This new and improved Gear Puller with special gripping feature, will handle all types of gears, pinions, etc., better than anything previously offered. The double end jaws are thin and shaped so that slipping is impossible. Light in weight, yet strong enough for the toughest job.



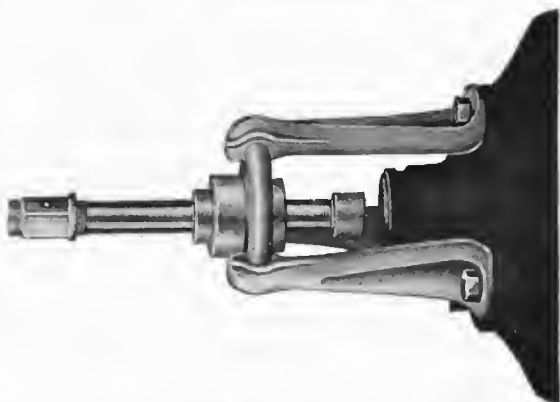
No. 1001 with $1\frac{1}{2}$ " screw, 6" long, and jaws having a spread of 6", by $3\frac{1}{2}$ " in length, is ideal for small work.

No. 1002 is an "all purpose" tool which will handle a wide range of work. Jaws are $5\frac{1}{2}$ " long, with a spread of 8". Screw is 9" long by $\frac{5}{8}$ " diameter.

No. 1003 is equipped with 9" jaws—spread 12".

Gray-Bonney Wheel Puller and Attachments

No. 827 Universal Wheel Puller



The best, simplest, and sturdiest wheel puller ever developed. Has tremendous power, yet cannot bend or otherwise damage the wheel lugs.

With the regular legs, shown above, it works perfectly on over 98% of all makes of cars.

The screw has very fine threads, which give it an extremely powerful leverage. In addition, the puller is equipped with a sliding bearing through which the driving screw rides. This feature makes it possible for the operator to attach the puller to the studs, then draw the screw tightly against the axle and with a light blow of a hammer, remove the most stubborn hub. Extends to include 8 inch bolt circle.

Another feature is the floating cap on the screw end. This centers on the axle, avoiding injury to either axle or puller.

The driving end is forged with a hexagon head which firmly holds the driving handle. The handle driving bar can be eliminated if it is desired to turn the screw up with an ordinary socket or open end wrench.

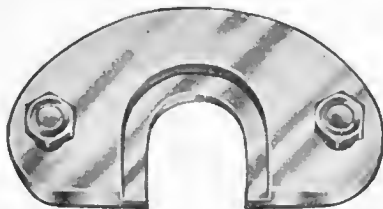
No. 827L — Extra Leg for Above

No. 827H Handle



Designed especially for No. 827 Wheel Puller. Drop forged and heat treated.

No. 827V Wheel Puller Adaptor



This adaptor will work on all Ford V-8 hubs from 1936 to date. Engage two of the puller arms in the bolts and slide the adaptor over the hub groove. Apply pressure by means of the pressure screw, and a straight steady pull will result.

Gray-Bonney Miscellaneous Special Tools

Thread Restorers



Gray-Bonney Thread Restorers will save you much time and trouble when you have damaged threads to contend with. A few strokes across battered threads produce a true new thread—nut will then go on easily. Add a pair to your service kit.

No. TR1—has 8 thread sizes—11, 12, 13, 14, 16, 18, 20 and 24 threads to the inch.

No. TR2—has 8 thread sizes—9, 10, 15, 16, 20, 26, 28 and 32 threads to the inch.

No. 2628 Adjustable Hack Saw Frame



A sturdily built hack saw frame with comfortable pistol grip handle. Adjustable from 8" to 12". Full nickel finish.

High Speed Steel Hack Saw Blades

These HIGH SPEED blades are made from the finest steel obtainable, and will give the utmost in service under the most exacting conditions. Due to careful heat-treating they are extremely flexible, thus ensuring long life and protection against breakage.

No.	Width	Length	Gauge	Teeth per inch
HS1018	9/16"	10"	.025	18
HS1024	9/16"	10"	.025	24
HS1032	9/16"	10"	.025	32
HS1218	9/16"	12"	.025	18
HS1224	9/16"	12"	.025	24
HS1232	9/16"	12"	.025	32

Tungsten Alloy Steel Hack Saw Blades

An excellent alloy steel blade that will give good service under all conditions.

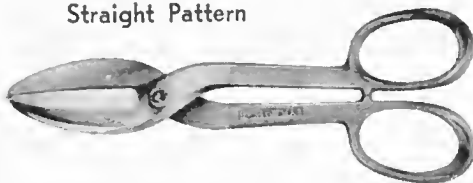
No.	Width	Length	Gauge	Teeth per inch
TA1018	1/2"	10"	.025	18
TA1024	1/2"	10"	.025	24
TA1032	1/2"	10"	.025	32
TA1218	1/2"	12"	.025	18
TA1224	1/2"	12"	.025	24
TA1232	1/2"	12"	.025	32

Gray-Bonney Miscellaneous Special Tools

Tinners' Snips

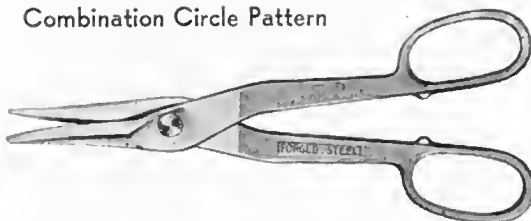
These snips are of excellent quality. They are made from a one-piece drop forging, precision ground and hand polished. The cutting edges are keen and will give long and satisfactory service.

Straight Pattern



No.	Length	Cut
507	7"	2"
510	10"	2-3/4"
512	12"	3-1/4"

Combination Circle Pattern



The combination circle pattern snip is an all-purpose snip. It will cut either right or left-hand direction. This extra slim snip is ideal for garage mechanics, as well as metal workers.

707	7"	1-7/8"
710	10"	2-3/4"
712	12"	3-1/8"

"LonGriP" Screw Extractors



Ridgid "LonGriP" Extractors are positive in operation and easy to use. Simply drill the screw to be removed with the correct size drill (as shown below), use the corresponding extractor, and turn.

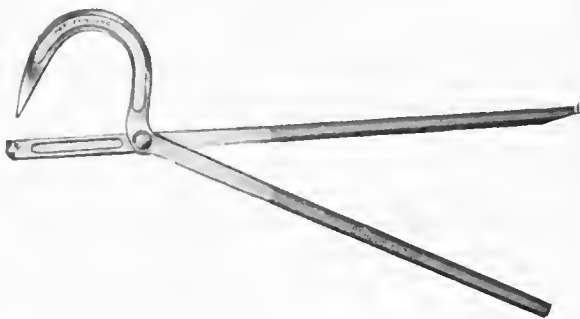
Set No. RE3—Extractors Nos. 3, 4 and 5.

Set No. RE5—Extractors Nos. 1, 2, 3, 4 and 5.

No.	Fits Screw	Use Drill	O.D.	Length	Depth
1	1/4"	1/8"	.139	2-5/16"	1"
2	5/16"	3/16"	.205	2-3/4"	1"
3	3/8"	1/4"	.272	3-1/16"	1"
4	7/16"	5/16"	.338	3-5/16"	1"
5	1/2-9/16"	11/32"	.374	3-3/4"	1"

Gray-Bonney Brake Tools

No. 2680 Brake Spring Plier



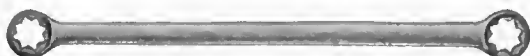
An unusually efficient brake spring plier designed especially for the removal and replacement of internal brake springs on all types and sizes of cars and trucks. (except Ford).

No. 525 Brake Spring Plier



An extra slim, light brake plier which will work well on all passenger cars and light trucks. Not guaranteed.

No. 2357D Ford Brake Wrench



This wrench is invaluable when making adjustments on all model V8 brakes. Has 7/16" and 1/2" double square openings, and is drop forged from alloy steel. This wrench is of new design and has ample offset to clear all obstructions.

Nos. 2566 and 2566A Brake Tools



No. 2566 for Bendix Brakes on cars such as Hudson and Essex. No. 2566A (one end straight) for most other cars.

No. 2599 Hydraulic Brake Wrench



This wrench is designed for use on Bendix and other hydraulic brakes. The curved blade is for "star wheel" adjustments, and the open end is for eccentric nuts on two shoe brakes. Has 3/16" opening at one end, and the curved blade is 3/8" wide.

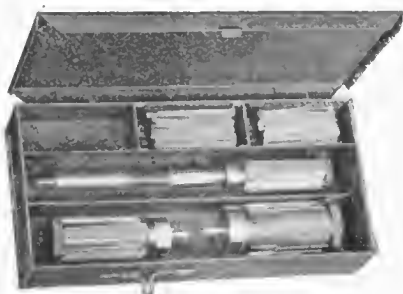
Gray-Bonney Brake Tools

No. L0925 Hydraulic Brake Cylinder Hone

Simple but sturdy construction makes it easy and inexpensive to operate and assures long, satisfactory service.

Each body has two sets of three slots: one set of three milled shallow and the other set of three milled $1/32$ " deeper.

One set of blades expands $1/16$ of an inch in each set of slots or, moving them from one set of slots to another gives $1/8$ of an inch expansion; using the three sets of blades in this manner gives $3/8$ of an inch expansion in each body so that the set described below with the three bodies has a range of from $3/4$ " to $1-7/8$ ", which covers practically all pleasure cars and trucks.



No. L0925—Range $3/4$ " to $1-7/8$ ", contains three bodies, three sets of three blades (small, medium and large), with abrasives mounted, eighteen extra abrasives (nine coarse and nine fine). Special 1" cup screw to be used on medium size body when honing step bore cylinders and flexible driving shaft adaptable to $1/4$ " or $1/2$ " electric drill, put up in neat metal box.

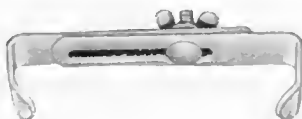
Individual parts for L0925 set:

L0899C—Coarse hone abrasives (1 dozen).

L0899F—Fine hone abrasives (1 dozen).

L0920—Flexible driving shaft.

No. 463 Hydraulic Brake Clamp Set



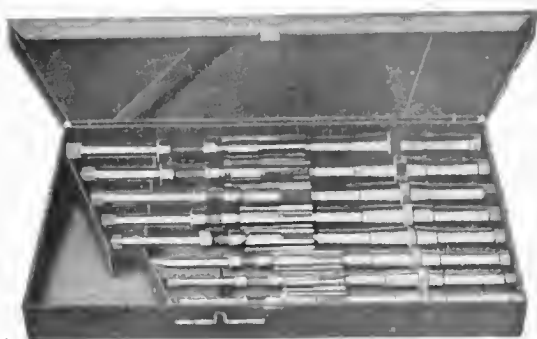
This inexpensive tool will save you much trouble when working on hydraulic brakes. It holds the cylinder in closed position to prevent bleeding when shoes are removed. Simply put a clamp on each cylinder as you remove the brake shoes. There are four clamps to the set.

Expansion Type Reamers

Improved Design — 50% Faster



The improved design of these expansion type reamers is a very definite improvement over the old type. The staggered or unevenly spaced blades set at the correct angle, together with the special retaining collars, eliminates chatter and doubles the life of the reamer. They are constructed so that pilots may be quickly and easily attached, thus doubling the utility of the reamer. The pilots may be purchased separately and will fit all Critchley type reamers.



Set No. L03 (with Pilots Attached)

No. L01 Set contains 8 reamers without pilots from 15/32" to 1-1/16" (sizes A-H) in neat metal box.

No. L03 Set contains the same reamers as L01 Set, but with pilots attached.

Individual Reamer Specifications

No.	Size	Cutter Length	Overall Length	No. of Blades
A	15/32" to 17/32"	2"	5-1/4"	6
B	17/32" to 19/32"	2"	5-3/4"	6
C	19/32" to 21/32"	2-1/4"	6-1/4"	7
D	21/32" to 23/32"	2-1/4"	6-3/4"	7
E	23/32" to 25/32"	2-1/2"	7-1/4"	7
F	25/32" to 27/32"	2-1/2"	7-3/4"	7
G	27/32" to 15/16"	3"	8-1/4"	7
H	15/16" to 1-1/16"	3"	8-3/4"	7
I	1-1/16" to 1-3/16"	3-1/2"	10"	7
J	1-3/16" to 1-11/32"	3-1/2"	11"	7
K	1-11/32" to 1-17/32"	4"	12"	7
L	1-17/32" to 1-25/32"	4"	13"	7

NOTE—When ordering pilots only, simply specify the reamer size.

Expansion Reamers and Honing Sets

No. L0925 Hydraulic Brake Cylinder Hone

Simple but sturdy construction makes it easy and inexpensive to operate and assures long, satisfactory service.

Each body has two sets of three slots: one set of three milled shallow and the other set of three milled $1/32''$ deeper.

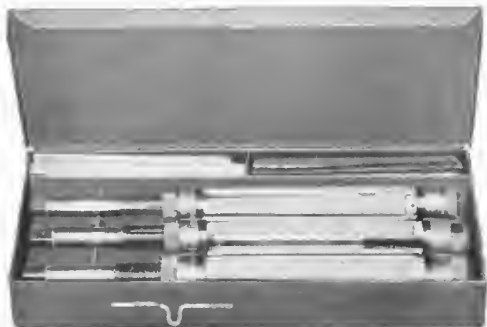
One set of blades expands $1/16$ of an inch in each set of slots or, moving them from one set of slots to another gives $1/8$ of an inch expansion; using the three sets of blades in this manner gives $3/8$ of an inch expansion in each body so that the set described below with the three bodies has a range of from $3/4''$ to $1-7/8''$, which covers practically all pleasure cars and trucks.



No. L0925—Range $3/4''$ to $1-7/8''$, contains three bodies, three sets of three blades (small, medium and large), with abrasives mounted, eighteen extra abrasives (nine coarse and nine fine). Special 1" cup screw to be used on medium size body when honing step bore cylinders and flexible driving shaft adaptable to $1/4''$ or $1/2''$ electric drill, put up in neat metal box.

No. L0200 Honing Set

Ream the Hole Slightly Small Then Do the
Accurate Fitting With the Hone



No. L0200, as illustrated, consisting of three hones, nine refills (3 sets), one set of shims (3), and one set of burnishers (3).

No. L0201—Coarse abrasives (1 dozen).

No. L0201F—Fine abrasives (1 dozen).

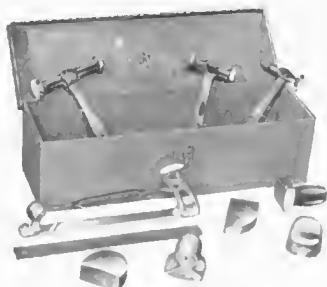
No. L0202—Set of three burnishers.

No. L0203—Set of three shims.

Gray-Bonney Body and Fender Sets

FB10 Set

Contains 10 Pieces
Approx. Weight 38 lbs.

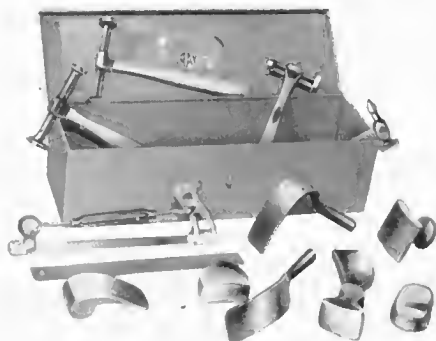


A compact set of body and fender tools suitable for taking care of the minor bumps which the average shop is called on to straighten out. Contains 10 pieces packed in an attractively finished metal case measuring 21" x 7" x 6".

No.	Description
F2	Regular or Toe Dolly Block
F3	Heel Dolly Block
F4	Bar Dolly
F6	General Purpose Dolly Block
F10	Small Hand Hold Dolly
F25	Flexible Body File
F30	Adjustable File Holder
PH22	Bumping Hammer
PH24	Dinging Hammer
PH26	Special Bumping Hammer

FB14 Set

Contains 14 Pieces
Approx. Weight 45 lbs.



Contains 14 essential pieces for body and fender repair work. Packed in a strong, attractively finished metal box with removable tray, padlock hasp and carrying handle. The box is sufficiently large to take care of tools you may have on hand or wish to add later. It measures 21" x 7" x 6".

No.	Description
F2	Regular or Toe Dolly Block
F3	Heel Dolly Block
F4	Bar Dolly
F5	Wedge Dolly Block
F6	General Purpose Dolly Block
F12	Large Hand Hold Dolly
F13	Special Door Panel Spoon
F16	Panel Spoon
F25	Flexible Body File
F30	Adjustable File Holder
PH22	Bumping Hammer
PH24	Dinging Hammer
PH25	Light Dinging Hammer
PH26	Special Bumping Hammer

Gray-Bonney Body and Fender Sets

FB19 Set

Contains 19 Pieces

Approx. Weight 54 lbs.

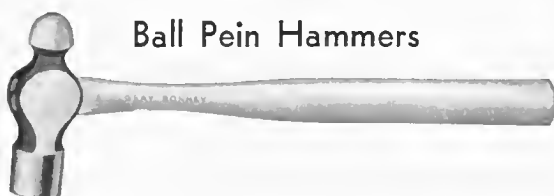


A complete set of fender hammers, dollies, spoons, files, etc., for the specialist in body and fender repair work. Each tool has been carefully selected so that any job can be done with speed and thoroughness. Packed in attractive metal chest with tote tray and strong padlock hasp. Chest size, 21" x 7-1/2" x 8-1/8".

No.	Description
F2	Regular or Toe Dolly Block
F3	Heel Dolly Block
F4	Bar Dolly
F5	Wedge Dolly Block
F6	General Purpose Dolly Block
F7	Budd Dolly Block
F10	Small Hand Hold Dolly
F12	Large Hand Hold Dolly
F13	Special Door Panel Spoon
F15	Wide Body Spoon
F16	Panel Spoon
F25	Flexible Body File
F30	Adjustable File Holder
PH22	Bumping Hammer
PH23	Light Bumping Hammer
PH24	Dinging Hammer
PH25	Light Dinging Hammer
PH26	Special Bumping Hammer
PH27	Upholsterers' Magnetic Hammer

NOTE—On all the above sets the No. F31 holder, similar to No. F30 is being substituted for indefinite period. Prices of the sets take into consideration this substitution.

Gray-Bonney Hammers and Body and Fender Tools



Ball Pein Hammers

Gray-Bonney No. 212 Series Ball Pein Hammers are drop forged from selected steel and carefully heat treated. The handles are of straight grain hickory, securely fastened in the head, with our special iron S wedge. The No. 212 Series have head and pein polished, with the balance finished in black enamel.

No.	Weight
212	3 Lbs.
212A	2-1/2 "
212C	2 "
212E	1-1/2 "
212G	1 "
212H	3/4 "
212I	8 oz.
212K	4 "



Multi-Head Hammer

This hammer is designed so that the changing of faces is a matter of seconds. The head is made of forged steel carefully machined, so that the heads are locked firmly in position. The hammer comes complete with five tips: Pyralin, copper, lead, rubber and composition.

No. PH5M—Complete with tips.

No. PHP—Extra Pyralin tip.

No. PHR—Extra rubber tip.

No. PHB—Extra composition tip.

No. PHL—Extra lead tip.

No. PHC—Extra copper tip.

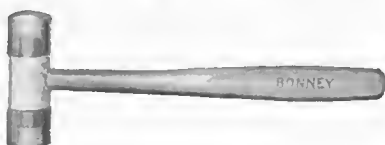
Bumping Hammer



No. PH22—This hammer has polished faces and black body. Head, 4-1/4" long. Round face, 1-1/4" in diameter. Square face, 1-1/4" square. Overall length, 12". Weight, 14 ozs.

Gray-Bonney Hammers and Body and Fender Tools

Soft Face Hammers



Gray-Bonney Soft Face Hammers are useful for fitting piston pins and similar jobs, and for body and fender work. The tips are of a tough, amber-colored composition material that will not mar a finely finished surface. New tip may be attached by turning the old one loose with a pipe wrench and pressing on the new tip. The hammer is properly balanced and the hickory handle is securely locked in the head.

No.	Weight
PH17	1/4 lb.
PH15	1/2 lb.
PH20	1 lb.

Extra Tips are available for all hammers. To order, simply specify number of hammer.

Light Bumping Hammer



No. PH23—A light weight finishing hammer with polished faces on the head and black body. Head, 4" long. Round face, 1-1/4" in diameter. Square face, 1-1/8" square. Overall length, 11-1/2". Weight, 9 ozs.

Dinging Hammer



No. PH24—A finishing hammer with faces crowned and polished; body of head finished in black. Head, 6" long. Large face, 1-5/8" diameter. Small face, 1-1/4" diameter. Overall length, 12". Weight, 13 ozs.

Light Dinging Hammer



No. PH25—A sturdily made, light weight finishing hammer. Head 6-1/2" long. Large face 1-1/4" square. Small face, 1-1/16" in diameter. Overall length, 11-1/2". Weight, 10 ozs.

Special Bumping Hammer



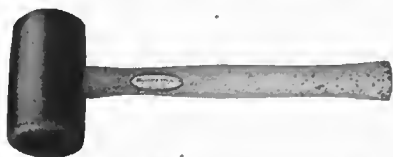
No. PH26—The head is drop forged with bullet shaped end which makes it easy to remove small dents. Face of the head is polished with body finished in black. Strong hickory handle. Head, 4" long. Weight, 7 ozs.

Upholsterers' Magnetic Hammer



No. PH27—Head is polished all over and one end is magnetized. Head is 5-1/2" long. Overall length, 12". Weight, 7 ozs.

Fender Bumper Mallet



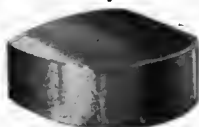
No. PH30—Has rubber composition head which excels hickory for durability. It will not shatter, chip or split. Handle is of hickory. Head 2-1/2" in diameter, 4-1/2" long. Handle is 11-1/2" long.

Regular or Toe Dolly Block



No. F2—Drop forged of selected steel and full surface ground and polished. Length, 4-3/4". Width, 2-1/4". Thickness, 1-1/16". Weight, 2-1/2 lbs.

Heel Dolly Block



No. F3—Drop forged of steel most suitable for this type tool. Full surface ground and polished. Length, 2-1/2". Width, 3-1/8". Thickness, 1-1/2". Weight, 2-1/4 lbs.

Gray-Bonney Body and Fender Tools

Bar Dolly



No. F4—Drop forged steel and full surface ground and polished. Length, 4-1/4". Width, 2". Thickness, 1-1/2". Weight, 3 lbs.

Wedge Dolly Block



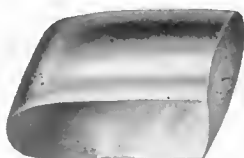
No. F5—Especially designed for work on turret tops. Drop forged of selected steel, with working surfaces highly polished. Length 5". Width 2-1/2". Weight, 2-1/2 lbs.

General Purpose Dolly Block



No. F6—Full surface ground and polished. Weight, 3 lbs.

Budd Dolly Block



No. F7—Drop forged of selected steel. Full surface ground and polished. Its curved surfaces are designed so that it will take care of any repair on a Budd Body. Each block is carefully gauged after it is polished to insure correct radii of the curves. Weight, 3 lbs.

Small Hand Hold Dolly



No. F10—Working surfaces are ground and polished. Weight, 2-1/4 lbs.

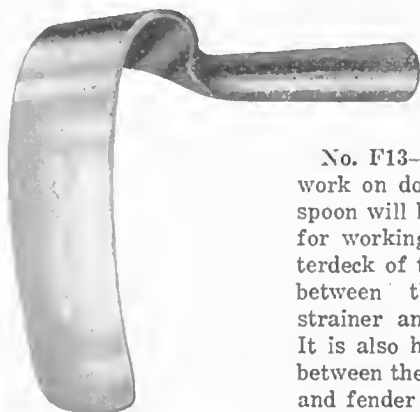
Gray-Bonney Body and Fender Tools

Large Hand Hold Dolly



No. F12—Working surfaces are ground and polished. Weight, 3-1/2 lbs.

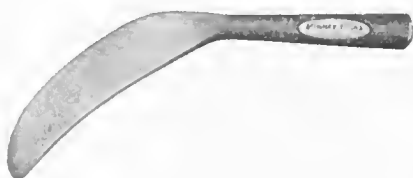
Special Door Panel Spoon



No. F13—In addition to work on door panels, this spoon will be found handy for working on the quarterdeck of turret tops and between the headlining strainer and roof panels. It is also handy for work between the fender bracket and fender metal where a dolly block can't be used.

Blade is 2-1/4" wide, 5-1/2" long. Handle is 7/8" diameter. Weight 23 ozs.

Wide Body Spoon



No. F15—Blade ground and polished. Dimensions of blade: 2-1/16" wide, 5" long. Overall length, 10-1/2". Weight, 1 lb.

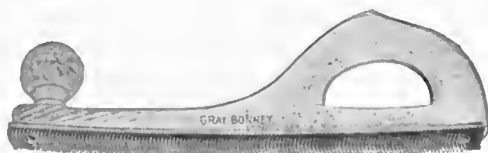
Panel Spoon



No. F16—Used in general body repair work and on turret tops. Forged of selected steel with polished working surfaces. Blade 2-1/4" wide, 6-1/4" long. Overall length, 11-1/4". Weight, 22 ozs.

Gray-Bonney Body and Fender Tools

Flat File Holder



No. F24—This inexpensive file holder for the regular 14" flat file has long proved very popular with body workers. It is light in weight, yet has the strength of a metal holder. The comfortably shaped hand grip and perfect balance give the operator perfect control, resulting in quick satisfactory work.

Flexible Body File



No. F25—The application of the milling cutter principle to body files has produced a file that will last longer and do better work. Each tooth is individually milled, and the U shaped groove provides maximum clearance allowing the ribbon like shavings to be cleared quickly and easily. The elimination of packing and loading is a feature of this new file, and the teeth will maintain their razor like sharpness several times as long as the old V tooth file. Overall length, 14".

File and Holder Set

Holder Supplied Free

No. F26—For the shop using the F25 14" file, this combination will prove to be excellent value. Six general purpose 14" files and a No. F24 Holder for the ordinary cost of the files.

Adjustable File Holder

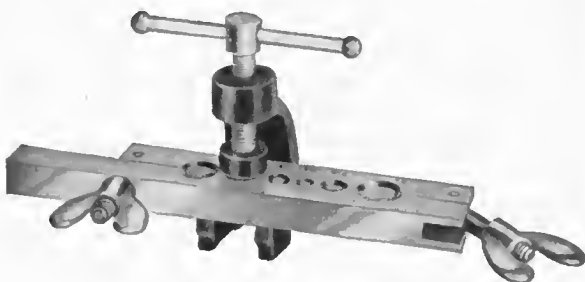


No. F30—Can be used on 12" and 14" files. This holder is strongly made, yet is light and handy. Can be adjusted for curving the file either outward or inward.

No. F31 Holder similar to F30 being substituted for indefinite period.

Gray-Bonney Refrigeration Tools

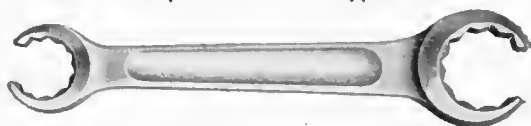
No. RF46 Flaring Tool



A simple, fast, efficient tool for quickly and accurately flaring copper and other tubing having $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{5}{8}$ " O.D. Oversize wing nuts securely lock tubing in holes threaded to prevent slipping. Open side flaring yoke attaches instantly to flaring bars. The flaring head is of the self-centering type, assuring easy, perfect flaring. A fine tool, reasonably priced for working in close quarters on gas lines, hydraulic brake lines, etc. Net weight 2- $\frac{1}{4}$ lbs.

Flare Nut Wrenches

Open End—Box Type

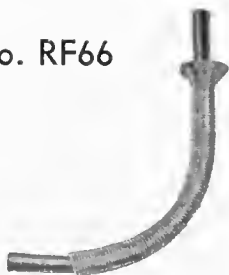


These open end, box type wrenches have been designed especially for making flare nut adjustments. They are drop-forged of 'CV' Chrome-Vanadium Steel, Chromium plated with polished heads. They are long, thin and with panelled handles, permitting a firm, comfortable grip. Heads have double hexagon openings.

No.	Openings	S.A.E. Flare Size	Lgth.
RF54A	$\frac{3}{4}$ " & $\frac{7}{8}$ "	$\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ " & $\frac{3}{8}$ "	8"
RF54	$\frac{3}{4}$ " & 1"	$\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ " & $\frac{7}{16}$ ", $\frac{1}{2}$ "	8"
RF55A	$\frac{7}{8}$ " & 1"	$\frac{3}{8}$ " & $\frac{7}{16}$ ", $\frac{1}{2}$ "	9 $\frac{1}{2}$ "
RF55	$\frac{7}{8}$ " & 1 $\frac{1}{8}$ "	$\frac{3}{8}$ " & $\frac{7}{8}$ "	9 $\frac{1}{2}$ "

Tube Bender Set No. RF66

Every service man should have a complete set of these tube benders in his kit. The set consists of one each of the following sizes.



No.	For Size Tubing	No.	For Size Tubing
RF60	$\frac{1}{4}$ "	RF63	$\frac{7}{16}$ "
RF61	$\frac{5}{16}$ "	RF64	$\frac{1}{2}$ "
RF62	$\frac{3}{8}$ "	RF65	$\frac{5}{8}$ "

Gray-Bonney Refrigeration Tools

No. RF59 Tube Cutter



A compact, efficient tube cutter for all tubing from 1/8" to 1" O.D. Body is an alloy die casting. Wafer-tapered, hardened cutting blade makes cutting easy and with practically no burr. The slide-lock safety reamer opens instantly and protects the hands when not in use. It may be safely carried in your pocket. Net weight 1/2 lb.

No. RF81 Set — 28 Pieces



In the No. RF81 Set will be found practically all of the sockets and attachments, including the popular Bonney No. RF45 Reversible Ratchet, that the refrigeration service man will need on all ordinary jobs. In addition three thin wall, double hexagon special refrigeration box wrenches are included.

All are packed in a heavy gauge metal box, attractively finished, which measures 8-5/8" x 5-3/4" x 1-1/4".

No.	Description
V8	1/4" Hexagon Socket (1/4" Square Drive)
V9	3/16" " " " " " "
V10	1/8" Double Hexagon Socket (1/4" Square Drive)
V11	11/32" " " " " " "
V12	3/8" " " " " " "
V14	7/16" " " " " " "
V17	Sliding 'T' Handle, 4 1/2" long (1/4" Square Drive)
V18	Extension, 6" long (1/4" Square Drive)
T16	1/2" Double Hexagon Socket (3/8" Square Drive)
T18	3/16" " " " " " "
T20	5/8" " " " " " "
T4	Extension, 6" long (3/8" Square Drive)
T36	Sliding 'T' Handle, 8" long (3/8" Square Drive)
RF2	Valve Stem Socket (1/4" Male Drive)
RF3	" " " " " "
RF4	" " " " " "
RF5	" " " " " "
RF6	Packing Gland Nut Socket (1/4" Male Drive)
RF16	" " " " " "
RF71	" " " " " "
RF73	" " " " " "
RF67	Kerotest Valve Packing Nut Socket (1/4" Male Drive)
RF49	1/4" x 1/4" Adaptor
RF41	1/4" x 3/8" " "
RF45	Reversible Refrigeration Ratchet (1/4" Sq. Ratchet Opening)
RF42	3/8" x 1/4" Thin Wall Double Hexagon Box Wrench
RF43	1/2" & 3/4" " " " " " "
RF44	3/8" & 11/16" " " " " " "

Gray-Bonney Tool Chest and Roller Cabinet

MSB Tool Chest

Mounted on

MSC Roller Cabinet



**A WISE INVESTMENT FOR MECHANICS
AND SHOP OPERATORS**

DESIGNED IN THE
INTEREST OF SERVICE TECHNICIANS

Features and Specifications of the Lock-Up Chest and Roller Cabinet

1. COMPLETELY LOCK-UP.
2. HEAVY GAUGE STEEL.
3. LOWER COMPARTMENT HAS LIFT OUT SHELF.
4. CHEST HAS THREE STRONG SLIDE DRAWERS.
5. IT HAS A LIFT OUT TOOL TRAY.
6. THE TOP CHEST IS A SEPARATE UNIT AND IT IS EASILY REMOVED.
7. THE ROLLER CABINET HAS STRONG RUBBER WHEELS.
8. THE ENTIRE ASSEMBLY IS FINISHED IN GRAY-BONNEY BLUE.
9. THIS CHEST AND ROLLER CABINET IS ECONOMICAL TO BUY.

Dimensions

CHEST ONLY	COMPLETE
Height..... 11 $\frac{7}{8}$ "	Height..... 39 $\frac{1}{2}$ "
Width..... 12 $\frac{1}{4}$ "	Width..... 12 $\frac{1}{4}$ "
Length..... 24 $\frac{1}{4}$ "	Length..... 24 $\frac{1}{4}$ "

Weight

Roller Cabinet Complete (less tools and crate).....110 lbs

SAFEGUARDS TOOL INVESTMENT!

ROLLS RIGHT UP TO THE JOB!

REFLECTS EFFICIENCY AND

PROMOTES CUSTOMER CONFIDENCE!

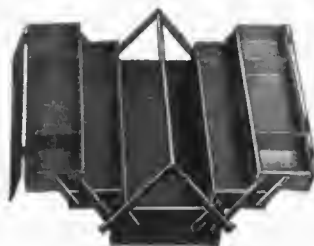
Gray-Bonney Tool Boxes

Duplex Tool Boxes

Gray-Bonney line of Duplex "all steel" tool boxes will give the mechanic who takes pride in his tools the type of box he requires. Their rugged construction gives ample strength, yet by a slight pressure on the handle, the box is open and the tools ready to hand.

No. 100 Series

High quality boxes, having two trays on each side of handle. Three sizes available.



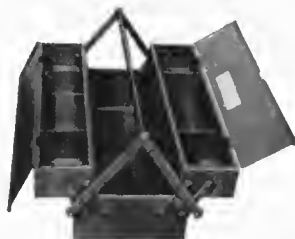
No. 114B—14" x 8" x 7-3/4"—Weight 9 lbs.

No. 119B—19" x 8" x 7-3/4"—Weight 17-1/2 lbs.

No. 121B—21" x 8" x 7-3/4"—Weight 20 lbs.

No. 500 Series

Specially designed for the mechanic with a limited amount of tools to carry around.



No. 514B—14" x 8" x 6"—Weight 7 lbs.

No. 517B—17" x 8" x 7"—Weight 11 lbs.

No. 521B—21" x 8" x 6"—Weight 16 lbs.

Mechanics' Tool Boxes

Steel boxes as used in socket sets make excellent tool chests. Their sturdy steel construction makes them ideal for automotive mechanics, millwrights and plant engineers. Listed below is a complete assortment of boxes of this type. All are finished in attractive baked enamel.

No.	Length	Width	Depth
80B	21"	7"	6"
82B	22-1/2"	5-3/8"	3-5/8"
461B	20-1/4"	6-1/2"	1-11/16"
1400B	15-7/8"	3-3/8"	1-3/4"
TG20B	17-1/4"	5"	1"
SB	21"	7-1/2"	8-1/8"

See page 22 for Master Chest and Cabinet

Gray-Bonney Tool Boxes

Gray-Bonney Tool Chests

Designed for the Work Bench

SB Box



The No. SB tool box is built to give you a big tool box at low cost. Heavy gauge steel with spot welded construction and with the convenience of a separate tote tray. This is real box value and large enough to hold the average mechanic's hand tool kit. Furnished with large carrying handle, padlock hasp, and finished in blue baked enamel. Measures inside: 21" x 7-1/2" x 8-1/8".

80B Box



For the junior mechanic or apprentice who is beginning to build up his set, this box is a little smaller than the No. SB, but is built of the same heavy gauge steel and of the same spot welded construction. Equipped with lift out socket tray, strong carrying handle, padlock hasp. Finished in blue baked enamel. Measures inside 21" x 7" x 6".

CHART OF WRENCH AND SOCKET OPENINGS

Sizes of Nuts and Bolts They Fit

HEXAGON and DOUBLE HEXAGON (Dimensions given below are the outside diameters of threads in inches.)				
U.S.S.		S.A.E. Std. Screws & Nuts	American Std.	
Nuts	Cap Screw		Nuts	Cap Screws
			0 & 1	
			2 & 3	
			4	
$\frac{1}{8}$	$\frac{1}{8}$		5 & 6	
			8	
$\frac{3}{16}$	$\frac{3}{16}$		10	
	$\frac{1}{4}$	$\frac{1}{4}$	12 & $\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$		$\frac{5}{16}$
	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{8}$
$\frac{5}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{7}{16}$
$\frac{3}{8}$				
	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$
$\frac{7}{16}$	$\frac{9}{16}$		$\frac{1}{2}$	$\frac{9}{16}$
	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{5}{8}$
$\frac{1}{2}$		$\frac{5}{8}$	$\frac{5}{8}$	
$\frac{9}{16}$	$\frac{3}{4}$	$\frac{11}{16}$		$\frac{3}{4}$
$\frac{5}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$
$\frac{3}{4}$	1	$\frac{7}{8}$	$\frac{7}{8}$	1
	$1\frac{1}{8}$	1		
$\frac{7}{8}$	$1\frac{1}{4}$		1	$1\frac{1}{8}$
1	$1\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
$1\frac{1}{8}$		$1\frac{1}{4}$	$1\frac{1}{4}$	
$1\frac{1}{4}$		$1\frac{3}{8}$		
$1\frac{3}{8}$		$1\frac{1}{2}$	$1\frac{1}{2}$	
$1\frac{1}{2}$				
$1\frac{5}{8}$			$1\frac{3}{4}$	
$1\frac{3}{4}$				

CHART OF WRENCH AND SOCKET OPENINGS

Sizes of Nuts and Bolts They Fit

WRENCH OPENINGS IN INCHES	SQUARE and DOUBLE SQUARE (Dimensions given below are the outside diameters of threads in inches.)			
	U.S.S.		U.S.S. or Amer. Std. Set Screws	Amer. Std. Bolts, & Nuts
	Nuts	Cap Screw		
5/32				0 & 1
3/16				2 & 3
7/32				
1/4				4
5/16				5 & 6
11/32				8
3/8			3/8	10
7/16		5/16	7/16	12 & 1/4
15/32				
1/2	1/4	3/8	1/2	
17/32				
9/16		7/16	9/16	5/16
19/32	5/16			
5/8		1/2	5/8	3/8
21/32				
11/16	3/8	9/16		
23/32				
3/4		5/8	3/4	7/16
25/32	7/16			
13/16				1/2
27/32				
7/8	1/2	3/4	7/8	9/16
29/32				
15/16				5/8
31/32	9/16			
1			1	
1 1/16	5/8			
1 1/8				3/4
1 3/16				
1 1/4	3/4	1	1 1/4	
1 5/16				7/8
1 3/8		1 1/8		
1 7/16	7/8			
1 1/2			1 1/2	1
1 9/16				
1 5/8	1			
1 11/16				1 1/8
1 3/4				
1 13/16	1 1/8			
1 7/8				1 1/4
1 15/16				
2	1 1/4			
2 1/16				
2 1/8				
2 3/16	1 3/8			
2 1/4				1 1/2
2 5/16				
2 3/8	1 1/2			
2 7/16				
2 1/2				
2 9/16	1 5/8			
2 5/8				1 3/4
2 11/16				
2 3/4	1 3/4			

